EXHIBIT 7

VIDEO DEPOSITION OF GARY CHILDRESS - 11/28/2007

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1
          IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA
 2
               IN AND FOR THE COUNTY OF SAN FRANCISCO
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                              --000--
 4
 5
    NORMA SCHLESINGER,
 6
                   Plaintiff,
 7
                                             No. CGC-07-274200
         vs.
 8
    AMERICAN BILTRITE, INC., et al.,
 9
                   Defendants.
10
11
12
13
14
                         Video Deposition of
15
                            GARY CHILDRESS
16
                           November 28, 2007
17
18
19
    Reported by:
20
21
    James Matthews, CSR 7916
22
23
                             TOOKER & ANTZ
                  COURT REPORTING & VIDEO SERVICES
24
                    350 SANSOME STREET, SUITE 700
                   SAN FRANCISCO, CALIFORNIA 94104
25
                            (415) 392-0650
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		2		4
1	INDEX	2	1	GARY CHILDRESS
2	000		2	having first stated that he would testify the truth, the
3	000		3	whole truth, and nothing but the truth, testified as follows:
4	Deposition of GARY CHILDRESS	Page	4	EXAMINATION BY MR. HAMES
5	Examination by Mr. Hames 4	1 agc	5	THE VIDEOGRAPHER: Ladies and gentlemen, we are on
6	Examination by Wil. Hames 4		6	video record on November 28th, 2007. The time is 10:28. I'm
7	Plaintiff's Exhibits (GARY CHILDRESS)	Iden		Dan DeFrank, a Notary Public for the County of San Francisco
8	1 Plaintiff's Notice of Deposition 5	Ideli	8	representing Tooker & Antz, 350 Sansome Street, Suite 700,
9	2 Declaration of Gary Childress 43		9	San Francisco, California 94106. The phone number is
10	3 97 pages of copies of checks 52		10	415-392-0650.
11	4 10-8-76 letter from Atlanta Testing & Engineering	g 89		This is the beginning of Tape 1 of Volume I in the
12	to American Vermiculite Corporation	9	12	case of Norma Schlesinger versus American Biltrite, Inc. et
13	5 9-2-81 letter from Fronk to W.R. Grace & Co.	90	13	al. in the Superior Court of California in and for the County
14	6 9-25-81 letter from O'Donnell to Fronk and attach		1 14	of San Francisco, case number is CGC-07-274200 for the
15	Material Safety Data Sheet		15	deposition of Gary Childress. We are located at Tooker &
16	7 9-1-83 memo from Chase to Vukovich	92	16	Antz, 350 Sansome Street, San Francisco. Deposition was
17	8 J.P. Austin Associates, Inc. Material Safety Data	92	17	noticed by attorneys for plaintiff and videotape is produced
18	sheet		18	by the same.
19	9 Color copy of photo of a box of Orton Standard	120	19	Counsel, would you please identify yourselves and
20	Pyrometric Cones		20	your clients?
21	•		21	MR. HAMES: My name is Scott Hames. I'm from the
22	Defendant's Exhibits (Childress)		22	law firm of Levin, Simes, Kaiser & Gornick and I represent
23	A Objections to Plaintiff's Notice of Videotaped	5	23	the plaintiff in this action.
24	Deposition		24	MS. GOLDEN: Yes, Catherine Golden from Jackson &
25			25	Wallace representing Edward Orton Ceramics Foundation.
		3		5
1	Be it remembered that, pursuant to notice of taking		1	THE VIDEOGRAPHER: Court reporter may swear in the
2	deposition, and on Wednesday, the 28th day of November, 2007		2	witness.
3	commencing at the hour of 10:28 o'clock a.m. thereof, at		3	MS. GOLDEN: We have one more attorney here.
4	TOOKER & ANTZ COURT REPORTING AND VIDEO SERVICES, 3	50 Sans	ome 4	MR. O'SHEA: Daniel O'Shea, Jackson & Wallace on
5	Street, Suite 700, San Francisco, California before me, James		5	behalf of Orton as well.
6	Matthews, duly authorized to administer oaths pursuant to		6	(Witness sworn.)
7	section 2093(b) of the California Code of Civil Procedure,		7	MR. HAMES: Q. And just for the record, we
8	personally appeared		8	premarked did you use so Exhibit number 1 is
9	GARY CHILDRESS		9	Plaintiff's Notice of this deposition.
10	called as a witness by the plaintiff; and the said witness,		10	(Whereupon Plaintiff's Exhibit 1 was marked for
11	having stated that he would testify the truth, the whole		11	identification.)
12	truth, and nothing but the truth, was thereupon examined and		12	MR. HAMES: Did you want to mark some stuff as
13	testified as hereinafter set forth.		13	well, Catherine?
14	LAW OFFICES OF LEVIN, SIMES, KAISER & GORNICK, 44		14	MS. GOLDEN: I would like to mark as Defendant's
15	Montgomery Street, 36th Floor, San Francisco, California		15	first exhibit our objections to the depo notice and the
16	94104, represented by SCOTT HAMES, Esq., appeared as counsel		16	document request.
17	on behalf of the plaintiff.		17	(Whereupon Defendant's Exhibit A was marked for
18	LAW OFFICES OF JACKSON & WALLACE, 55 Francisco		18	identification.)
19	Street, 6th Floor, San Franciso, California 94133,		19	MR. HAMES: Q. Good morning, sir. Again, my name
20	represented by CATHERINE E. GOLDEN, Esq. and DANIEL D.		20	is Scott Hames. I represent the plaintiff in this case. Can
21	O'SHEA, Esq., appeared as counsel on behalf of the defendant		21	you please state your full name for the record?
22	Edward Orton Ceramic Foundation.		22	A. Gary Childress.
23	ALSO PRESENT: Dan DeFrank, videographer.		23	Q. Okay. And how do you spell your last name?
24	000		24	A. C-h-i-l-d-r-e-s-s.
25			25	Q. Okay. And I'm just going to start off by going

2 (Pages 2 to 5)

	6		8
1	through some of your background and then we'll talk about t	ne 1	A. I understand.
2	company that you work for in some detail.	2	
3	So how old are you, sir?	3	anything. Okay? Do you know what the difference betwee
4	A. 59.	4	speculation is and an estimate and a guess?
5	Q. What's your date of birth?	5	A. Yes.
6	A. December 20th, 1947.	6	Q. Okay. Good. Then I'm not going to go through the
7	Q. Okay. And where do you currently live?	7	usual definitions of those words, okay? But it's okay for
8	A. Do you want my full address?	8	you to provide an estimate if you don't have a precise date
9	Q. You can just tell me the city, that's fine.	9	or something like that, okay?
10	A. Westerville, Ohio.	10	A. Okay.
11	Q. Thanks for coming out.	11	Q. All right. So the prior deposition that you gave
12	A. Well, the weather's nice here.	12	was in 2001. Was that did that have anything to do with
13	Q. And you said it was Westerville?	13	the Edward Orton Foundation Company?
14	A. Yes.	14	A. No.
15	Q. Have you ever had your deposition taken before?	15	Q. Okay. What was that case involved, just generally?
16	A. Yes, I have.	16	A. It was my employer at that time was the Hecla
17	Q. How many times?	17	Mining Company, and it had to do with failure of a anoth
18	A. Once.	18	party to close one of the acquisition of one of Hecla's
19	Q. Do you know when that was?	19	assets that was sold.
20	A. It was in yeah, 2001.	20	
	-	21	Q. Okay. It wasn't a personal injury case? A. No.
21	Q. Okay. Well, I'm sure your attorney's advised you		
22	on the rules of deposition and the procedure, but let me just	22	Q. It didn't have anything to do with asbestos?
23	mention a couple things.	23	A. Oh, no.
24	You understand that the oath that you just took has	24	Q. Okay. All right. And let me just ask you, did you
25	the same force and effect as it would if you were testifying	25	go to high school?
	7		9
1	in a court of law?	1	A. Yes, I did.
2	A. I do.	2	, , ,
3	Q. And that it carries a penalty of perjury?	3	A. Greenville, South Carolina.
4	A. I do.	4	Q. And what year did you graduate?
5	Q. In deposition people have a tendency to	5	A. 1965.
6	interrupt each other sometimes in normal conversation, but	n 6	Q. Did you go to college of a that?
7	depositions it's really important that only one of us talk at	7	A. I did.
8	a time. So I'll try not to interrupt you if you try not to	8	Q. Where did you go?
9	interrupt me. All right?	9	A. Clemson University.
10	A. Fair.	10	Q. Where is that?
11	Q. It's going to happen, okay? So if I interrupt you	11	A. Clemson, South Carolina.
12	just let me know so you can complete your answer, okay?	12	Q. Okay. Never heard of it. Sorry. And what years
13	A. Okay.	13	did you attend Clemson?
14	Q. Also I'm going to assume that you understand all my	14	A. 1965 through 1969.
15	questions unless you tell me otherwise.	15	Q. And did you receive any degrees from that
16	A. Okay.	16	university?
17	Q. There aren't any classes in law school or otherwise	17	A. I did.
18	that teach people to ask questions that make sense, so if you	18	Q. In what?
10	that teach people to ask questions that make sense, so if you	.9 10	A. Ceramic engineering.
19	don't understand something that I ask you let me know, oka	V: ⊥9	in comme ongreening.
		20	Q. Okay. Did you have any other formal education
19	don't understand something that I ask you let me know, oka		
19 20	don't understand something that I ask you let me know, oka A. Okay.	20 21	Q. Okay. Did you have any other formal education
19 20 21	don't understand something that I ask you let me know, oka A. Okay. Q. You're doing a great job so far by answering	20 21	Q. Okay. Did you have any other formal education after Clemson?A. No.
19 20 21 22	don't understand something that I ask you let me know, oka A. Okay. Q. You're doing a great job so far by answering audibly. Nods of the head, shakes of the head, uh-huhs and	20 21 22	Q. Okay. Did you have any other formal education after Clemson?

3 (Pages 6 to 9)

	10		12
1	A. Not to my recollection, no.	1	A. No.
2	Q. Okay. All right. And then did you enter the work	2	Q. Okay. All right. Where did you work after
3	force?	3	Vesuvius?
4	A. Yes.	4	A. Houston Ceramics.
5	Q. Okay. Where did you first start working after	5	Q. And what years did you work for them?
6	college?	6	A. 1972 through 1975.
7	A. Drakenfield. D-r-a-k-e-n-f-e-l-d.	7	Q. And what did you do for them?
8	Q. And what sort of business is Drakenfeld in?	8	A. I was a ceramic engineer for the plant.
9	A. They manufactured ceramic pigments. Inorganic	9	Q. And what sort of company was Houston Ceramics whe
10	pigments for colorants.	10	you were working for them?
11	Q. Okay. And what was your position there?	11	A. They made ceramic tile.
12	A. I was a process engineer.	12	Q. Okay. And what were your job duties?
13	Q. Just briefly what were your job duties for	13	A. I was responsible for all ceramic processing.
14	Drakenfeld?	14	Q. Okay. Do you know if any asbestos was used when
15	A. Primarily designing processes. The firing of the	15	you were working for Houston Ceramics?
16	pigments. That and the handling, material handling	16	A. To the best of my knowledge, no.
17	aspects. Primarily.	17	Q. Okay. Where was the next company you worked?
18	Q. Okay. In what years did you work for Drakenfeld?	18	A. Eljer Plumbing Ware.
19	A. 1969 through 1971.	19	Q. Can you spell that one for me?
20	Q. When you were working at Drakenfeld did you have	20	A. E-l-j-e-r.
21	any contact whatsoever with any of your current company,	21	Q. Plumbing?
22	Orton Ceramic or Edward Orton, Junior Ceramic	22	A. Uh-huh. Plumbing ware.
23	Foundation I'm just going to refer to it as Orton, okay?	23	Q. And what sort of company was that?
24	A. Uh-huh.	24	A. Made bathroom fixtures, toilets, sinks, lavatories.
25	Q. With any of their products such as the pyrometric	25	Q. And what years did you work for them?
	11		13
1	cones that are at issue in this case?	1	A. 1975 through 1979.
2	A. No.	2	Q. And what did you do for them?
3	Q. Okay. Where did you work after Drakenfeld?	3	A. I was chief ceramic engineer.
4	A. I worked for Vesuvius Crucible.	4	Q. So what were your job duties as the
5	Q. Vesuvius?	5	A. I was responsible for all glaze production, body
6	A. Like the mountain.	6	production, and the firing process.
7	Q. And what did you do for them?	7	Q. Okay. Did you use any of the Orton pyrometric
8	A. Sales.	8	cones that are at issue in this case when you were working
9	Q. What sort of business were they in?	9	for Eljer?
10	A. Refractories for the steel industry.	10	A. Yes, I did.
11	Q. What do you mean by refractories?	11	Q. Was that your the first time that you came into
12	A. It's the the heat containment material, high	12	contact with their product?
13	temperature bricks that line furnaces, ladles, things like	13	A. Yes, it was.
14	that.	14	Q. Okay. Where did you work after Eljer?
15	Q. Was Vesuvius manufacturing those?	15	A. Ferro, F-e-r-r-o Corporation.
16	A. Yes, they were.	16	Q. And what years did you work for Ferro?
17	Q. And you were a salesman for them?	17	A. 1979 to 1983.
18	A. That's correct.	18	Q. And what did you do for them?
19	Q. Can you tell me the years that you worked for them		A. I was a salesman.
20	A. 1971 through 72.	20	Q. And what sort of company was that?
21	Q. Was any asbestos used when you were working for	21	A. They also made ceramic pigments and Frits.
22	Vesuvius that you know of?	22	F-r-i-t-s. Frit.
23	A. Not that I'm aware of.	23	Q. What is a frit?
24	Q. Okay. Did you learn anything about asbestos when	24	A. It's basically the materials that are used to make
25	you were working for them?	25	a glaze ceramic glaze that are melted into a form of a
	jou note working for them.	2,5	a plane column plane that are moned into a form of a

4 (Pages 10 to 13)

	14		16
1		1	
1 2	glass and then ground into a powder. Q. Okay. Thank you. Did you use any of the Orton	1 2	MR. HAMES: All right, I understand your objection. I'll just withdraw the question, okay?
	pyrometric cones there?	3	Q. So let's just continue with your employment history
3 4	A. I wasn't into I actually worked out of my home.	4	all right? For ECC America you worked there until 1986.
5			·
	Q. Okay. So you didn't just so the record's clear,	5 6	Where did you work after that?
6 7	you didn't? A. I did not.	7	A. Kentucky Tennessee Clay Company.
		8	Q. And what sort of company was that?
8	Q. Okay. Okay. Where did you work after Ferro?		A. We also mined industrial minerals. Ball
9	A. ECC America. ECC is English China clay.	9	clay. Feldspar.
10	Q. And when did you work for ECC?	10	Q. And when did you work for them?
11	A. 1983 through 1986.	11	A. 1986 to 1994.
12	Q. You're doing a great job with your prior jobs, by	12	Q. And what was your position?
13	the way, with the dates and stuff.	13	A. President.
14	Okay. And what sort of company was ECC?	14	Q. Okay. Where did you work after that?
15	A. We mined industrial minerals, kaolin, talc, and	15	A. Actually, it was for the parent company that owned
16	ball clay for the ceramic industry primarily.	16	KT Clay. Hecla Mining Company. H-e-c-l-a.
17	Q. And what was your position there?	17	Q. Okay. And when did you start working for Hecla
18	A. I was a marketing manager.	18	Mining Company?
19	Q. When you were working for ECC did issues pertaining	ıg 19	A. In '94.
20	to asbestos ever arise?	20	Q. Until when?
21	A. No.	21	A. 2001.
22	Q. Do you recall if there was ever a concern about	22	Q. Okay. And then where did you work in 2001?
23	asbestos in any of the materials that your company was	23	A. I began working at the Orton Foundation.
24	mining?	24	Q. And you're still working there, obviously.
25	MS. GOLDEN: I'm going to object as vague, over	25	A. Yeah. As far as I know.
	15		17
1	broad and outside the scope of this deposition.	1	Q. All right. As far as you know. As of this
2	MR. HAMES: I'm basically just asking because I'm	2	morning. Okay. So when you first started working for Orton
3	trying to get your knowledge of of what asbestos is and	3	what was your first position there?
4	when you first heard about it.	4	A. General manager.
5	Q. So let me just ask that question instead, okay? At	5	Q. And what were your job duties?
6	any time have you ever heard that asbestos can be harmful to	6	A. Complete P&L responsibility for the facility.
7	people?	7	Q. Okay. And where is that facility located?
8	MS. GOLDEN: Okay, I'm going to object. This calls	8	A. Westerville, Ohio.
9	for speculation. It has nothing to do with this case nor	9	Q. And what sort of company is Orton? What do they
10	Orton Ceramics Foundation which is the reason that he's here	10	manufacture?
11	is on behalf of the company.	11	A. We manufacture pyrometric cones. Thermal
12	MR. HAMES: I'm just asking just for your	12	analytical instruments. And electronic temperature
13	background, really.	13	controllers.
14	MS. GOLDEN: I'm going to object.	14	Q. Okay. And you understand that the purpose of your
15	MR. HAMES: Okay.	15	deposition today, you're being produced as the person most
16	MS. GOLDEN: I don't understand the relevance of	16	knowledgeable and the custodian of records for Orton,
17	what his knowledge is.	17	correct?
18		18	MS. GOLDEN: He is not the custodian of records,
	MR. HAMES: Are you going to instruct him not to	19	
19 20	answer? MS_GOUDEN: His personal just hear me out. I		but we have brought you the records that we have, but he can
	MS. GOLDEN: His personal just hear me out. I	20	tell you about you know, generally retention policy, that
21	need to know what how his personal knowledge has anythin		sort of thing.
22	to do with this case, and what Orton knew or didn't know.	22	MR. HAMES: And will you stipulate that those are
23	MR. HAMES: Okay.	23	authentic and business records?
24	MS. GOLDEN: Because he didn't even come to Orton	24	MS. GOLDEN: Yes.
25	until 2001.	25	MR. HAMES: And we can use them at trial?

5 (Pages 14 to 17)

	18		20
1	MS. GOLDEN: Yes, absolutely.	1	A. Okay.
2	MR. HAMES: Thank you. And we're going to mark	2	Q. I pulled some information off the website. I'm not
3	everything, and we're going to go through it briefly	3	going to mark what I have, I'm just going to ask you some
4	Q. So you understand that you're being produced as the	4	questions about it.
5	person most knowledgeable for Orton?	5	A. Okay.
6	A. Yes.	6	Q. Do you know when the the full name of the
7	Q. Okay. How long did you work as the general manag	er 7	company is the Edward J. Orton Junior Ceramic Foundation;
8	for Orton in that position?	8	that right?
9	A. That's still my job.	9	A. Well, it's the Edward Orton Junior Ceramic
10	Q. Okay. Can you elaborate on what your job duties	10	Foundation.
11	are?	11	Q. Okay. And do you know when they first went into
12	A. I'm responsible for the total operations. I report	12	business?
13	to the board of trustees.	13	A. The year?
14	Q. Okay Where is Orton's headquarters?	14	MS. GOLDEN: You mean when the foundation was
15	A. Westerville, Ohio.	15	established? It's a nonprofit.
16	Q. Okay. Can you tell me the actual address?	16	MR. HAMES: It's a nonprofit, okay.
17	A. 6991 Old 3C, the numeral 3, the number 3C	17	Q. Do you know when Mr. Orton you said he preferred
18	Highway. Westerville, Ohio.	18	to be referred to as General?
19	Q. Okay, and do you know how long they've been at that	t 19	MS. GOLDEN: General.
20	address?	20	MR. HAMES: Q. Was he actually a general?
21	A. They moved there around 1980. 1981. That time	21	MS. GOLDEN: He was.
22	frame.	22	THE WITNESS: Yes.
23	Q. Do you know where they were before that?	23	MR. HAMES: Q. And do you know when he first
24	A. Yes. They were at Summit Street, and that's in	24	started make pyrometric cones?
25	Columbus.	25	A. In 1986.
	19		21
1	Q. Do you know how long they were at Summit Street?	1	Q. Okay. And can you give me a description of what
2	A. No, not exactly.	2	pyrometric cones are, please?
3	Q. Do you know if they've had any other addresses?	3	A. It's a mixture of ceramic materials that are
4	A. The only thing I know is that they actually started	4	blended so that they deform at different temperatures.
5	making the cones, General Orton, as he liked to be called, in	5	Q. Okay.
6	the basement at Ohio State University.	6	A. So they measure a combination of temperature and
7	(Court reporter asks for clarification.)	7	time which we refer to as heat work.
8	MS. GOLDEN: He said General Orton. That's what he	8	Q. Okay. And the mixture that they're actually made
9	preferred to be called.	9	of, that's just clay?
10	MR. HAMES: Q. Let me just mention something. Whe	n 10	A. Clay and feldspar, primarily.
11	the court reporter asks you a question he's just asking to	11	Q. Okay.
12	repeat exactly what you said. He just didn't hear the words	12	A. In varying ratios.
13	you said.	13	Q. Okay. And they started making or General Orton
14	A. Okay.	14	started making them I think you said in 17 or rather in
15	MS. GOLDEN: Yeah.	15	18
16	MR. HAMES: Q. You don't need to elaborate. He's	16	A. 1896.
17	not asking you another question. He just wants you to repeat	17	Q. 1896?
18	exactly what you said.	18	A. Yeah.
19	So they started making them in the basement at Ohio	19	Q. Okay. Okay. And they continue to make those
20	State.	20	today, correct?
21	A. Um-hum.	21	A. That's correct.
22	Q. Is that a yes?	22	Q. And so the cones themselves, what are they used
23	A. Yes.	23	for?
24	Q. Okay. Do you know let's talk about the	24	A. To measure heat work. In the firing of ceramics.
25	background of the company a little bit.	25	Q. Right. Okay. So just I'm and I'm asking you

6 (Pages 18 to 21)

24 22 1 these general questions because should this case go to trial 1 that he's telling the truth and that's what he did, is a jury may be watching this videotape if you are unavailable there -- can you think of any reason why he might use that and not have the understanding that you do or I do about 3 3 many cones? A. Yes, if he was concerned about the even heat 4 these cones, okay? 5 So -- or ceramics in general. distribution at different levels in his kiln. 6 6 Q. Okay. A. Sure. 7 7 Q. So you're talking about putting these cones inside A. If he had an older kiln. He might put more in. a kiln when you're firing ceramics; is that right? 9 9 A. To make sure the heat level, each level had reached A. That's correct. 10 O. Okay. And then how are the cones monitored? 10 the same temperature. 11 Typically? When they're inside a kiln? 11 Q. And are the cones rated some way? 12 12 A. There's a couple of ways they're actually MS. GOLDEN: Objection, vague, I don't know what used. One is what we call a witness cone. A witness cone 13 13 you mean by rated. basically witnesses what has gone on in the furnace or the MR. HAMES: Q. In other words, rated like they 14 14 15 kiln. 15 deform at certain temperatures or a certain period of time? 16 There are also cones that are used in shutoff 16 17 devices where the cone actually, when it -- when it softens Q. Okay. Can you tell me how many -- let's just start 17 with the witness cones. How many different types of witness and deforms actually trips the power to the kiln and turns 18 18 19 the kiln off, indicating that it has reached the proper 19 cones either based on their rating, their size -- or however 20 amount of heat work. So those are the two ways they're used. 20 you categorize them -- Orton manufactures? 21 Q. Okay. And the witness cone, is there some sort of 21 22 window or something on a kiln that someone looks through to 22 Q. Okay. And are they numbered or lettered in some 23 23 see if it's deformed? way? 24 A. Yes. All kilns have, they call them peep sites, 24 A. Numbered. 25 where you pull the plug out and you look in. You make sure 25 Q. How are they numbered? 25 23 1 they put the cone so when you pull the plug out you can see 1 A. It starts out at 022 and that counts backward up to it, and if you're visually monitoring it, as the cone goes 1. 022, 021, 020, 19 until you get to 1. And from 1 to 42. over and tips you know you have reached the proper amount of 3 Q. I'm really confused by that. 3 4 heat work (indicating). Turn the kiln off. 4 MS. GOLDEN: Isn't that more than 40? 5 5 Q. Okay. So there's basically two types. There's the THE WITNESS: Yeah, I said more than 40. witness cone, and what did you call the other one? 6 6 MS. GOLDEN: Oh, okay. A. Well, a shutoff device. 7 7 MR. HAMES: Q. There's more than 40 different Q. Shutoff? 8 8 types. 9 A. Yeah. 9 A. Different cone numbers. 10 Q. Are there any other types of cones? That Orton 10 O. Different cone numbers? 11 A. And each number represents a different amount of 11 manufactures? 12 A. No. Those are the only cones. 12 heat work. Q. And just generally how many cones would an 13 Q. Let's take the 022 cone as the first one, okay? 13 individual put inside a kiln when they're firing ceramics? 14 A. (Nodding.) 14 15 And obviously it may vary on the individual, but just 15 Q. Which isn't really the first one. It's number 022. 16 16 17 A. Depending if they're using it as the cutoff device, 17 Q. What does that number represent? the shutoff device. 18 18 A. It represents the temperature at which that cone Q. Um-hum. 19 19 will deform based on the time that it saw that temperature. 20 A. One. 20 Q. Okay. And then cone number 021, would that one 21 Q. Okay. how does that one differ from 022? 21 A. As witness cones, probably three. 22 A. It was slight -- it would be slightly hotter. 2.2 23 Q. Okay. There was a witness in this case who 23 O. Okay. 24 testified that he put a lot more than three in there. And he 24 A. In other words it would take a little bit more heat put them at different levels inside the kiln. Just assuming 25 to deform it.

7 (Pages 22 to 25)

1	26		
	Q. Okay.	1	head. But we have a chart, you know it's on the Internet.
2	A. 022 is if you're looking on the temperature	2	Q. Right.
3	scale, it's the coolest.	3	A. That you can look at.
4	Q. Okay.	4	Q. Okay.
5	A. 42 is the hottest.	5	A. But it's, I think it's
6	Q. Okay. I'm still really confused about the	6	MS. GOLDEN: Wouldn't it depend on the kiln also?
	numbering, okay? I understand that what you're saying is 02		MR. HAMES: Q. I'm sure there's a lot of variables.
8	is the coolest. In other words it deforms at a lower	8	A. It's a function of time and temperature.
9	temperature or heat work	9	Q. Right.
10	A. That's right.	10	A. But it's below a thousand degrees.
11	Q than 021.	11	Q. Okay. And then number 42 is that in the
12	A. Yes.	12	thousands of degrees? That it would deform?
13	Q. And then the numbers go from 022 through 1 and the		A. That's yeah that's approaching about 1800
14	they start back up again going from 1 to 40? Two?	14	degrees Centigrade.
15	A. Um-hum.	15	Q. Okay.
16	Q. Is that right?	16	A. Which is very, very hot.
17	A. That's correct.	17	
		18	Q. Right. Okay. I noticed in some of the interrogatory responses it says that Orton's been
18	Q. Okay.		
19	A. The reason for that is they didn't plan ahead when	19	manufacturing the cones since 1932? A. Um-hum.
	they were starting the numbering system. And when they	20	A. Om-num. O. Is that right?
	started at 1 they later decided they needed something that	21	
22	worked at a cooler temperature.	22	A. As the Edward Orton Junior Foundation.
23	So you don't want to use they apparently didn't	23	Q. Okay, so what happened in 1932 with the foundation
24	want to use negative numbers.	24	Was that when it was established?
25	Q. Right. That's what it sounds like is 022 is	25	A. That's when it was established upon the death of
	27		29
1	essentially like a negative number. It's lower than 42.	1	General Orton.
2	Would be, 42 would be the highest	2	Q. Okay. So he died in 1932?
3	A. Right.	3	A. Um-hum.
4	Q correct?	4	Q. Is that right?
5	A. Yeah.	5	A. Yes.
6	Q. Okay. So let's just take number 42. How does that	6	Q. Okay. And then do you know how the foundation
7	rating or that number for that cone differ from 022? The	7	itself was established?
8	cone itself? In other words the heat work, what level does	8	A. Yes. Through his will.
9	42 deform at versus 022?	9	Q. So he must have had some money and then he created
10	A. 42 is	10	this nonprofit upon his death through his will?
11	MS. GOLDEN: You want to know at the temperature	? 11	A. He basically gave the business that was the only
12	MR. HAMES: Q. No, I just mean is it so it	12	thing that the foundation got was the business. No money.
13	deforms at a much	13	Q. Okay.
14	A. Much	14	A. A way of earning money.
15	Q higher?	15	Q. Isn't there and there's at Ohio State or
16	A much higher temperature.	16	University of which one is it, Ohio State or University of
17	Q. Okay, yeah.	17	Ohio?
18	MS. GOLDEN: 42 is the highest.	18	A. Ohio State.
19	THE WITNESS: That's the highest	19	Q. Ohio State actually has a building there named
20	MS. GOLDEN: Yeah.	20	after him, after General Orton, don't they?
21	THE WITNESS: temperature we make. Yeah.	21	A. Actually, it's named after his father, but General
22	MR. HAMES: Q. And you raised a good point. Let n	le 22	Orton funded the building. His father was the first
	just ask, do you know for example at what temperature or ho		president of Ohio State University.
			-
	long 022 takes to deform?	24	Q. Okay. So was General Orton, was he and this is

8 (Pages 26 to 29)

	30		32
1	university somehow?	1	square feet.
2	A. Yes.	2	Q. Okay. In do you know in 1932 how the cones were
3	Q. Okay. What was his position there, do you know?	3	packaged when they were sold to the public?
4	A. He he created the first school of ceramic	4	A. In boxes I'm assuming.
5	engineering in the United States at Ohio State University.	5	Q. Okay. You're saying you're assuming. Do you have
6	Q. Okay. And that just happens to be what your degre	6	some basis for knowing that they were packaged in boxes or
7	is in, right?	7	are you just guessing?
8	A. It is.	8	MS. GOLDEN: In 1932?
9	Q. What is that can you elaborate on that? What	9	MR. HAMES: Q. In 1932.
10	exactly is ceramic engineering?	10	A. Obviously I'm guessing.
11	A. Basically, everything inorganic except	11	Q. Okay.
12	metals. It's inorganic materials that are formed and heat	12	A. I wasn't there.
13	processed to create a ceramic product. It can be from brick	13	Q. And it could be things you've looked at, people
14	to the the tile that's used on the reentry of the space	14	you've spoken to that's the foundation for your knowledge.
15	shuttle.	15	So I'm not just asking you what you have seen, obviously, you
16	Q. Okay. So this is generally, I mean, your degree is	16	weren't alive then.
17	more associated with the commercial aspect of creating	17	So how are the cones packaged today?
18	ceramic items versus say an artist?	18	A. In boxes.
19	A. Oh, yeah.	19	Q. And how large are the boxes?
20	Q. Okay. Thanks for indulging me in the background	of 20	A. There's two sizes. The largest size is
21	the company.	21	approximately three inches by three inches by six inches.
22	A. No one would ever accuse me of being an artist.	22	Q. That's the largest one?
23	Q. All right. So you're not on the potter's wheel or	23	A. Yes.
24	anything like that?	24	Q. What's the smallest one? Or the smaller one?
25	A. (Witness shakes head.)	25	A. It's again, I'm estimating on this one. It's
	31		33
1	Q. Okay. How were let's let's start in 1932	1	about an inch and a half by two by three. Inches.
2	when the foundation was created.	2	Q. Okay. Do you know how long Orton has been using
3	How large was the foundation when it was created?	3	those sizes of boxes to package the cones in?
4	Do you know? Like how many employees were there?	4	A. Do I know how long?
5	A. No, I really don't I don't. I'd be guessing,	5	MS. GOLDEN: And you can provide approximations,
6	and I	6	you know. It's not like you need to provide an exact date or
7	Q. Okay, I don't want you to guess. How big is Orton	7	year.
8	now? How many employees work there?	8	MR. HAMES: Q. Right. I mean, if it's down to a
9	A. We have 30.	9	year or decade or whatever.
10	Q. Okay. And they're currently on the Old 3C Highway	? 10	A. I just talking to the people who have worked
11	A. Yes.	11	there who have retired since I've been there, they were in
12	Q. And what sort of facility is at that location?	12	boxes back in the '50's and '60's.
13	Is that an office building, or is there some sort of	13	Q. Okay. So the earliest date is sometime in the
14	manufacturing plant?	14	'50's they were in boxes?
15	A. Both. There's offices and a manufacturing area.	15	A. That I can confirm.
16	Q. Okay. And do you know at the the Summit Street	16	Q. Okay. Who did you talk to to get that information?
17	one where they were before, what sort of facility was there	17	A. Dale Fronk.
18	at that time?	18	Q. Can you spell his full name, please?
19	A. It was it was the same. It was offices and	19	A. D-a-l-e F-r-o-n-k.
20	manufacturing.	20	Q. Okay. In preparation for your deposition today,
21	Q. Okay. How large, just generally, so I get some	21	obviously we have some documents which we're going to go
22	sense of it, is the manufacturing plant?	22	through. Is there anything that you reviewed as far as
23	A. It's again, this is an estimate.	23	documents that has not been produced here today? That you're
24	Q. Or you can just describe it however	24	aware of? And you can look through this stuff.
۱			-
25	A. The manufacturing area for cones is probably 10,000	25	MS. GOLDEN: Are you done with your question?

9 (Pages 30 to 33)

	34		36
1	MR. HAMES: Yeah.	1	answer the question.
2	MS. GOLDEN: Okay, I'm going to object. That's	2	MR. HAMES: Q. Well, did you speak to him in
3	over broad. It's vague. It's ambiguous. And I'd also like	3	preparation for your deposition?
4	to call attention once again to our objections to the depo	4	A. No.
5	notice and the production of documents request. Further,	5	Q. When was the last time you spoke to Dale?
6	I I'm going to object as, you know, privileged also.	6	MS. GOLDEN: About anything?
7	MR. HAMES: Yeah, and I'm not talking about	7	MR. HAMES: Q. Um-hum. Yes
8	anything from your attorneys.	8	A. June of this year. When he retired.
9	MS. GOLDEN: Oh. All right.	9	Q. Okay. So he retired in June of 2007?
10	MR. HAMES: Because that is privileged.	10	A. That's correct.
11	MS. GOLDEN: So could you rephrase the question, or	11	Q. What was his position at Orton?
12	would you like the court reporter to read it back?	12	A. He was the manager of engineering.
13	MR. HAMES: Q. I'm just wondering what you reviewe	d 13	Q. Do you know how long he worked for Orton?
14	in preparation for your deposition today.	14	A. In excess of 40 years. I'm not sure if it was 42
15	MS. GOLDEN: Okay.	15	or 43 years.
16	THE WITNESS: The deposition.	16	Q. Okay. And to my understanding that from your
17	MR. HAMES: Q. Excluding anything with your	17	conversations with Mr. Fronk or Dale that you have a
18	attorneys. Well, I mean, the documents with your attorneys	18	belief that Orton was packaging the pyrometric cones in the
19	wouldn't be privileged.	19	boxes as you described.
20	THE WITNESS: The deposition notice.	20	A. Yes.
21	MR. HAMES: Q. Okay.	21	Q. Okay. Other than Mr. Fronk, is there anyone else
22	A. And the documents that I see laying on the table in	22	or any other documents that have provided you with that
23	front of me.	23	information? Regarding the boxes?
24	Q. Anything else?	24	MS. GOLDEN: Yeah. I guess we're talking about the
25	A. No.	25	size of the boxes.
	35		37
1	Q. Okay. You've mentioned one individual, Dale Front		MR. HAMES: Q. And when they were using them.
2	A. Um-hum.	2	MS. GOLDEN: I think we go back to that.
2	A. Um-hum. Q. Have you spoken with anyone else in preparation for	2	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them.
2 3 4	A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition?	2 · 3 4	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase.
2 3 4 5	A. Um-hum.Q. Have you spoken with anyone else in preparation for your deposition?A. Yes.	2 · 3 4 5	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also?
2 3 4 5 6	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? 	2 3 4 5 6	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum.
2 3 4 5 6 7	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. 	2 3 4 5 6 7	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes?
2 3 4 5 6 7 8	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? 	2 · 3 4 5 6 7 8	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes.
2 3 4 5 6 7 8 9	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. 	2 3 4 5 6 7 8	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson?
2 3 4 5 6 7 8 9	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? 	2 3 4 5 6 7 8 9	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her?
2 3 4 5 6 7 8 9 10	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. 	2 3 4 5 6 7 8 9 10	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were
2 3 4 5 6 7 8 9 10 11	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. Q. Anyone else you've spoken to? 	2 3 4 5 6 7 8 9 10 11 12	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were using boxes as packaging?
2 3 4 5 6 7 8 9 10	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. Q. Anyone else you've spoken to? A. No. 	2 3 4 5 6 7 8 9 10	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were using boxes as packaging? A. No.
2 3 4 5 6 7 8 9 10 11	 A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. Q. Anyone else you've spoken to? 	2 3 4 5 6 7 8 9 10 11 12	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were using boxes as packaging?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. Q. Anyone else you've spoken to? A. No. Q. Let's take them in order. When did you speak to Mr. Fronk?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were using boxes as packaging? A. No. Q. All right. So what did Mr. Fronk tell you with regards to the packaging and the years that Orton was using
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Um-hum. Q. Have you spoken with anyone else in preparation for your deposition? A. Yes. Q. Who else have you spoken with? A. Bill Chase. Q. Anyone else? A. Yes. Claire Sampson, S-a-m-p-s-o-n. Q. That's C-l-a-i-r? A. E. C-l-a-i-re. Q. Anyone else you've spoken to? A. No. Q. Let's take them in order. When did you speak to Mr. Fronk? MS. GOLDEN: Okay, let's go back. I'm going to object, because when did he speak to Mr. Fronk about what Are we still on the size of the boxes?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 ? 17	MS. GOLDEN: I think we go back to that. MR. HAMES: Q. And when they were using them. A. Mr. Chase. Q. Okay. So Mr. Chase told you that also? A. Um-hum. Q. That's a yes? A. Yes. Q. Okay. And what about Claire Sampson? A. What about her? Q. Did she tell you anything about when they were using boxes as packaging? A. No. Q. All right. So what did Mr. Fronk tell you with regards to the packaging and the years that Orton was using boxes?
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10 (Pages 34 to 37)

	38		40
-		1	
1	A. No.	1	MR. HAMES: Q. Well, were they in boxes?
2	Q. Okay. How did how did that conversation come	2	MS. GOLDEN: Okay.
3	about when he told you that they were using boxes in the	3 4	THE WITNESS: Yes.
4	1950's?		MR. HAMES: Q. Did you ever see any of those boxes
5	A. Just in general conversation when he worked there. Q. Was there one specific conversation or is this just	5 6	opened when you were working for Eljer during that time period from '75 to '79?
6	a general recollection?	7	A. Actually, I didn't handle them. We had a kiln
7 8	A. Just a general recollection.	8	fireman who took care of putting them in the kiln every day
9	Q. Okay. Have you ever seen any of the pyrometric	9	So I only saw them on the shelf.
10	cones that were manufactured back in the 1950's? Like the		Q. Okay, I understand that. I just want to make sure
11	still had some around?	y 10 11	the record's clear. So did you ever see any of the boxes
12	A. I don't know. I don't know when I don't know	12	back when you were working for Eljer Plumbing of the Orto
13	that I have.	13	pyrometric cones opened at any time?
14	Q. Okay. What about in the 1960's?	14	A. No.
15	A. I don't know that I have.	15	Q. Okay. So obviously what I'm interested in is the
16	Q. Okay. What is the oldest box of pyrometric cones	16	material inside the boxes that's holding the cones, okay?
17	you think you've ever actually seen?	17	So do you know other than the boxes itself what was
18	A. Oh, wow. I can't I'm not sure I can answer that	18	inside the boxes of pyrometric cones at the time you were
19	question. Because I don't I don't know.	19	working for Eljer Plumbing back in 1975 through '79?
20	Q. Okay.	20	A. No, actually I don't.
21	Q. Okay. A. I it	21	Q. Okay. What are the cones packaged in today?
22	Q. At least it would be in 2001 when you started	22	A. A sheet of sheet foam.
23	-	23	
24	working there?	24	Q. A sheet of like styrofoam?A. No, it's more like the soft foam that you see put
25	A. Certainly. And there was probably something prior to that, because inventory stays around for a while. But I	25	around China plates and things like that. It's a gray
	·		
	39		41
1	can't tell you exactly.	1	material. It's softer than styrofoam. It's like I don't
2	Q. When you mentioned that when you were working for	[2	know it's about a quarter of an inch thick but it's
3	think it was Eljer Plumbing Ware that you actually used some	3	puffy. Styrofoam is fairly rigid.
4	Orton cones	4	Q. Um-hum.
5	A. Eljer.	5	A. Like a styrofoam cup. This is soft.
6	Q in that business.	6	Q. Okay. And how many cones are in, let's say, the
7	A. Eljer used the Orton cones.	7	largest box?
8	Q. Did you ever actually see the boxes of the Orton	8	A. It depends on the on the cone.
9	cones back when you were working for Eljer?	9	What we call large cones, there's 50.
10	A. Yeah, I saw the boxes.	10	Q. Okay. And what about the small cones? How man
11	Q. Okay. So that was sometime between 1975 and 1979	11	would be in the larger box?
12	when you were working for them?	12	A. They're not packaged in the larger box.
13	A. That's correct.	13	Q. Okay, they're packaged in the small box?
14	Q. All right. So the earliest box of cones that you	14	A. Yeah.
15	may have seen would have been sometime between '75 and '79	? 15	Q. So how many would be in the small box?
16	A. Yes.	16	A. 50.
17	Q. Do you think that you ever saw any Orton cones in	17	Q. All right. Are there is that pretty standard or
18	their packaging prior to that?	18	are there other quantities that are in those boxes? Other
19	A. I have no way of knowing.	19	than 50?
20	Q. Okay. Do you recall how they were packaged when	20	A. What we call a self supporting cone, which is a
21	you were working for Eljer Plumbing?	21	large cone with its own foot. There's 25.
22	A. They were	22	Q. Is that the fewest number that would be in a box?
23	MS. GOLDEN: Okay, I'm going to object, it's vague	23	A. Yes.
			0 411 11 3371 1110 4 4 4 1 1 6
24	and ambiguous and over broad. What do you mean by how are they packaged?	24	Q. All right. When did Orton start using the foam inside the boxes? To package the cones?

11 (Pages 38 to 41)

	42		44
1	A. In 1983.	1	we take a break?
2	Q. And have they used that foam continuously from 1983		MR. HAMES: Yeah, we can take a break.
3	to the present?	3	MS. GOLDEN: Good.
4	A. Yes.	4	THE VIDEOGRAPHER: Going off the record now, the
5	Q. And I didn't ask you. With respect to Mr. Chase	5	time is 11:22.
6	A. Yes.	6	(Brief recess taken.)
7	Q is there one conversation that you had with Mr.	7	THE VIDEOGRAPHER: Back on the record. The time
8	Chase pertaining to when Orton was packaging the cones in the		11:29.
9	boxes?	9	MR. HAMES: Q. Okay, I want to ask you some
10	MS. GOLDEN: I'm sorry, can I have that question	10	questions about your declaration, so let's go ahead and why
11	read back, please?	11	don't we mark that copy I handed your counsel.
12	(Record read.)	12	And you've seen this declaration before, obviously,
13	THE WITNESS: No.	13	right?
14	MR. HAMES: Q. Did you review or have you seen any		A. Yes.
15	documents pertaining to how the cones were packaged? And	15	Q. Okay. And is that your signature on the second
		16	
16 17	let's go back to the time that you mentioned, 1950's when	17	page? A. It is.
	they were using boxes?	18	
18	MS. GOLDEN: Are you talking I'm going to object	19	Q. Okay. I just want to walk through it.
19	as vague and ambiguous and over broad.		A. Okay.
20	THE WITNESS: I'm not sure I understand what you're	20	Q. Now, in paragraph 2?
21	asking me.	21	A. Um-hum.
22	MR. HAMES: Q. Well, other than speaking to Mr.	22	Q. The second clause there is I have gained intimate
23	Fronk and Mr. Chase is there any other way that you know the		and extensive knowledge of the pyrometric cones that Orton
24	Orton was using boxes to package the pyrometric cones? In	24	manufactures and has distributed over the course of its
25	other words have you seen anything? A photograph?	25	history.
	43		45
1	Specifications? Anything like that?	1	Can you elaborate on that and tell me what it is
2	A. No.	2	that is the foundation for your intimate and extensive
3	Q. Okay. What was Orton using prior to 1983 for the	3	knowledge of of Orton's pyrometric cones?
4	packaging inside the boxes for the pyrometric cones?	4	MS. GOLDEN: I'm going to object. As to as to
5	A. The packaging material?	5	foundation, calls for a legal conclusion. It's over it's
6	Q. Yes. Inside the boxes?	6	vague.
7	A. Vermiculite.	7	Do you understand what foundation means? That's
8	Q. Okay. And when did Orton start using Vermiculite?	8	what I'm thinking.
9	A. 1963.	9	THE WITNESS: I'm not sure what you're asking
10	Q. How do you know that?	10	about.
11	MS. GOLDEN: I'm going to object. It's	11	MS. GOLDEN: Yeah.
11	MS. GOLDEN: I'm going to object. It's argumentative. You can go ahead and answer.	11 12	MS. GOLDEN: Yeah. MR. HAMES: Q. In other words, this sentence here
12	argumentative. You can go ahead and answer.	12	MR. HAMES: Q. In other words, this sentence here in paragraph 2 is what I'm trying to figure out is is
12 13	argumentative. You can go ahead and answer. THE WITNESS: How I know that?	12 13	MR. HAMES: Q. In other words, this sentence here in paragraph 2 is what I'm trying to figure out is is there something specific that you have reviewed, or someon
12 13 14	argumentative. You can go ahead and answer. THE WITNESS: How I know that? MS. GOLDEN: Um-hum.	12 13 14	MR. HAMES: Q. In other words, this sentence here
12 13 14 15	argumentative. You can go ahead and answer. THE WITNESS: How I know that? MS. GOLDEN: Um-hum. THE WITNESS: I reviewed retained canceled checks.	12 13 14 15	MR. HAMES: Q. In other words, this sentence here in paragraph 2 is what I'm trying to figure out is is there something specific that you have reviewed, or someon you have spoken with to support this sentence that you have
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12 13 14 15 16 17 18 19 20 21	argumentative. You can go ahead and answer. THE WITNESS: How I know that? MS. GOLDEN: Um-hum. THE WITNESS: I reviewed retained canceled checks. And we pulled all the ones that were written to Zonolite, W.R. Grace, and J.P. Austin and that was the first time that we wrote a check to Zonolite was in 1963. Q. Okay. Let's you know what I want to do right now, is I'm I have a copy of your declaration here that you signed in this case. Let me hand it to your attorney. We'll go ahead and mark this.	12 13 14 15 16 17 18 19 20 21 22	MR. HAMES: Q. In other words, this sentence here in paragraph 2 is what I'm trying to figure out is is there something specific that you have reviewed, or someon you have spoken with to support this sentence that you have gained intimate and extensive knowledge of the pyrometric cones that Orton manufactures and distributes? MS. GOLDEN: Other than what he's already testified to? MR. HAMES: Q. Yes. A. Other than what I've already testified to? No.

12 (Pages 42 to 45)

	46		48
1	MS. GOLDEN: Wait a minute, wait a minute. I'm	1	record.
2	going to object to this. You one, I don't understand	2	But let's move on.
3	where this is going, and two, he's already testified about	3	So and can you look at paragraph number 3 for me
4	the history of the corporation.	4	and just review that real quick?
5	MR. HAMES: And I'm trying I understand that,	5	MS. GOLDEN: You want him to read the whole
6	and what I'm trying to ascertain is where that knowledge	6	paragraph?
7	comes from.	7	MR. HAMES: Q. Well, let's just take the first
8	Q. What you've read. What you've looked at. Who	8	part.
9	you've spoken with other than what we've already talked about		(Pause.)
10	today.	10	THE WITNESS: Okay.
11	MS. GOLDEN: Okay. And right now you're asking	11	MR. HAMES: Q. First sentence.
12	about how he found out about the history of the corporation?	12	A. Um-hum.
13	MR. HAMES: That's right.	13	Q. Okay. The documents that you have reviewed, are
14	MS. GOLDEN: Even though okay.	14	those documents that have been produced here today?
15	THE WITNESS: Through documents that are in the	15	A. Yes.
16	file regarding a celebration of General Orton that was held	16	Q. Are there any other documents that you've reviewed
17	at Ohio State, and that was put together about I'm going	17	that you're referencing in paragraph 3 that have not been
18	to say 12 to 15 years ago. And it had all of the information	18	produced today?
19	about General Orton, what he did, and all the contributions	19	MS. GOLDEN: Okay, I'm going to object to
20	he's made to the community. How he saw that there was a new	d 20	this. Because of the only thing that we need to tell you
21	for this type of product. He traveled to Germany. Met with	21	about or produce are documents that are responsive to your
22	Dr. Seager.	22	request. All right?
23	MS. GOLDEN: That's okay, you don't need to say	23	So like I've told you before, we're not going on
24	anything else. You've answered the question.	24	a big fishing expedition here, okay? A search has been done
25	MR. HAMES: Q. Do you still have a copy of that?	25	and this is what we have produced responsive to your
	47		49
1	Or does the company have a copy of that?	1	request.
2	A. Oh, yeah.	2	MR. HAMES: I understand that.
3	Q. Okay. Do you know who compiled that information	? 3	MS. GOLDEN: Okay.
4	A. Not for certain who participated in it. I'm	4	MR. HAMES: I'm not talking about our request right
5	assuming the person who was the general manager at the	5	now.
6	time.	6	MS. GOLDEN: Don't interrupt me. I don't
7	Q. Okay.	7	understand your question.
8	And did you guys bring that today, Catherine?	8	MR. HAMES: I'm not asking him about anything
9	MS. GOLDEN: No, I don't have that with me.	9	pertaining to our document request right now. What I'm
10	MR. HAMES: Okay.	10	talking about is what he's referencing in his declaration.
11	Q. And this information is just the background of the	11	He specifically says in his declaration I have
12	company, essentially, and who Mr or General Orton was	? 12	reviewed documents and information
13	Is that right?	13	MS. GOLDEN: Right.
14	A. That's correct.	14	MR. HAMES: Q in the possession of Orton. So
15	Q. Does it say anything that you recall about how the	15	my question is are those the same documents that you're
16	cones were manufactured or how they were packaged?	16	referencing in paragraph 3 that have been produced here
17	A. Oh, no.	17	today, or are there other documents? Whether or not they're
18	Q. It does not?	18	responsive. And need to be produced.
19	A. No, it doesn't.	19	MS. GOLDEN: He's asking you about have you
20	Q. Okay. So it's just general information about the	20	reviewed documents.
21	company and about General Orton himself?	21	THE WITNESS: Yeah.
ì		0.0	MS COLDEN, Okov
22	A. Primarily about General Orton.	22	MS. GOLDEN: Okay.
	A. Primarily about General Orton.Q. Okay. Obviously we think that's responsive. We'd	23	THE WITNESS: These are the documents.
22			

13 (Pages 46 to 49)

	50		52
1	THE WITNESS: No.	1	basically stack of canceled checks that you have.
2	MR. HAMES: Q. Right. That's what my question	2	Q. Okay. And why don't we just mark these right
3	is. So there's no other documents other than what's here	3	now. Okay? I don't know how many pages it is. We're going
4	today that you have reviewed?	4	to need to get a page count on this, I think. I'll reference
5	A. No.	5	it right now. Why don't we mark it as Exhibit 3.
6	Q. Okay. Double negative.	6	(Whereupon Plaintiff's Exhibit 3 was marked for
7	MS. GOLDEN: Let me take a break.	7	identification.)
8	MR. HAMES: Okay.	8	MR. HAMES: Q. The first check is dated March 20th,
9	THE VIDEOGRAPHER: Going off the record. The tim	e 9	1963 and it's for \$662.24 and it's to the Zonolite Company.
10	is 11:35.	10	The last check is dated 3/24/83 to J.P. Austin for
11	(Brief recess taken.)	11	\$2,350.
12	THE VIDEOGRAPHER: Back on the record. The time	is 12	Okay, so let me mark all this.
13	11:39.	13	Okay, thank you. All right, so I understand, you
14	MS. GOLDEN: Okay, Mr I mean Scott, you asked	14	reviewed there's more checks than is now in Exhibit 3 that
15	Gary about his review of documents. I think there was a	15	you looked at.
16	little confusion about what you were asking about.	16	A. A lot more.
17	MR. HAMES: Okay.	17	Q. Okay. And you went through and pulled out these
18	MS. GOLDEN: Okay?	18	particular ones, correct?
19	So I can either ask the question or you can	19	A. Um-hum.
20	rephrase. Or	20	Q. Yes?
21	We can even have it read back.	21	A. Yes.
22	MR. HAMES: Let me just ask another question.	22	Q. Okay. And what was it that you were looking for
23	MS. GOLDEN: Yeah.	23	when you were pulling these checks out?
24	MR. HAMES: Q. Okay. So what I'm referring to	24	A. The name of the company.
25	specifically is your paragraph number 3 in your declaration,	25	Q. Which company?
	51		53
1	okay?	1	A. The company that the check was written to.
2	A. Um-hum.	2	Q. Okay. And which company's names were you looking
3	O That first contains Do you see that?	١ ،	
	Q. That first sentence. Do you see that?	3	for?
4	A. Yes.	4	for? A. Zonolite, W.R. Grace, and J.P. Austin.
4 5	•		
	A. Yes.	4	A. Zonolite, W.R. Grace, and J.P. Austin.
5	A. Yes.Q. And it says in this sentence that you have reviewed	4 5	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies?
5 6	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton	4 5 6	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies?
5 6 7	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum.	4 5 6 7 8	A. Zonolite, W.R. Grace, and J.P. Austin.Q. And why was it that you were looking for those particular companies?A. Because the document request when we found these,
5 6 7 8	 A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging 	4 5 6 7 8	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had
5 6 7 8 9	 A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the possession of the packaging materials contained in the boxes of pyrometric cones over the contents of the packaging materials contained in the possession of the packaging materials contained in the packaging materials cont	4 5 6 7 8	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite
5 6 7 8 9	 A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. 	4 5 6 7 8 ie 9	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite
5 6 7 8 9 10	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what	4 5 6 7 8 1e 9 10	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a
5 6 7 8 9 10 11	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to?	4 5 6 7 8 1e 9 10 11 12	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or
5 6 7 8 9 10 11 12 13	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks	4 5 6 7 8 10 11 12 13	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct?
5 6 7 8 9 10 11 12 13 14	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have	4 5 6 7 8 10 11 12 13	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct.
5 6 7 8 9 10 11 12 13 14	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay.	4 5 6 7 8 10 11 12 13 14 15 16	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that?
5 6 7 8 9 10 11 12 13 14 15 16	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of	4 5 6 7 8 10 11 12 13 14 15 16	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk.
5 6 7 8 9 10 11 12 13 14 15 16	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with this stack.	4 5 6 7 8 10 11 12 13 14 15 16	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else?
5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with these.	4 5 6 7 8 9 10 11 12 13 14 15 16 th 17	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else? A. Bill Chase. Q. Okay. So essentially you asked those two I
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with these. So I looked at all the checks.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	 A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else? A. Bill Chase.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with these. So I looked at all the checks. Q. Okay. A. Or I helped look at all the checks. That were in	4 5 6 7 8 10 11 12 13 14 15 16 17 18 19 20	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else? A. Bill Chase. Q. Okay. So essentially you asked those two I think you said Mr. Chase has retired as well, right?
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with these. So I looked at all the checks. Q. Okay. A. Or I helped look at all the checks. That were in Orton's possession.	4 5 6 7 8 10 11 12 13 14 15 16 14 19 20 21	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else? A. Bill Chase. Q. Okay. So essentially you asked those two I think you said Mr. Chase has retired as well, right? A. No.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Yes. Q. And it says in this sentence that you have reviewed documents and information in the possession of Orton A. Um-hum. Q regarding the contents of the packaging materials contained in the boxes of pyrometric cones over the course of the company's history. With respect to that particular sentence, what documents are you referring to? A. Okay. When we came up with this stack of checks that you have Q. Okay. A I was actually part and party to the team of people who went through all the checks to help come up with these. So I looked at all the checks. Q. Okay. A. Or I helped look at all the checks. That were in	4 5 6 7 8 10 11 12 13 14 15 16 14 17 18 19 20 21 22	A. Zonolite, W.R. Grace, and J.P. Austin. Q. And why was it that you were looking for those particular companies? A. Because the document request when we found these, think it asked for any any information that we had recording where we had purchased Vermiculite. Q. Okay. And those three companies, the Zonolite Company, W.R. Grace, and J.P. Austin as far as you know a the only companies that have ever supplied Zonolite or Vermiculite to Orton; is that correct? A. That's correct. Q. Okay. And how do you know that? A. Conversations with Mr. Fronk. Q. Anyone else? A. Bill Chase. Q. Okay. So essentially you asked those two I think you said Mr. Chase has retired as well, right? A. No. Q. He's not retired?

14 (Pages 50 to 53)

	54		56
1	Q. How long has he worked there?	1	MS. GOLDEN: You know what?
2	A. Almost 40 years.	2	MR. HAMES: I understand
3	Q. Okay. So you asked Mr. Chase and Mr. Fronk who	3	MS. GOLDEN: This is where we're going to get into
4	supplied which company supplied the Vermiculite to Orton?	? 4	it here, Scott, because you cannot interrupt me when I am
5	A. (Nodding.)	5	speaking, okay? Everything that we gave you has to do with
6	Q. Is that right?	6	packaging material. Okay?
7	A. That's correct.	7	MR. HAMES: I understand that.
8	Q. And they gave you the names of those three	8	MS. GOLDEN: Okay.
9	companies?	9	MR. HAMES: I'm asking about this particular
10	A. That's correct.	10	sentence in his declaration. I'm asking what he's referring
11	Q. Okay. How far back did the checks go? That you	11	to. In this one sentence in paragraph 3.
12	reviewed?	12	MS. GOLDEN: Packing materials.
13	A. We have retained canceled checks through January of	13	MR. HAMES: Yes.
14	1957.	14	MS. GOLDEN: Right.
15	Q. Okay.	15	MR. HAMES: Yes.
16	A. And we have a disbursement ledger which is like a	16	MS. GOLDEN: Okay. The W.R. Grace materials
17	check ledger that you keep in your checkbook for who you	17	MR. HAMES: I want him to answer.
18	write a check to, when you wrote it and for how much, it goes		MS. GOLDEN: Say the data sheet.
19	back to 1910.	19	MR. HAMES: Okay.
20	Q. Okay. So is there anything other than these checks	20	MS. GOLDEN: Okay, fine.
21	and the one and the ledger and the other checks that you	21	MR. HAMES: You're feeding him the answers.
22	didn't pull out to make Exhibit number 3 that you reviewed	22	MS. GOLDEN: This is the problem that we have.
23	when that you're referring to in paragraph number 3 of	23	MR. HAMES: It's very simple.
24	your declaration?	24	MS. GOLDEN: No, it's not simple, Scott, to
25	MS. GOLDEN: Well, we produced other documents to		somebody that has never had his deposition taken, and your
	55		57
1		1	questions are over broad, vague, and they're ambiguous. All
1 2	you. MR. HAMES: I understand that.	1 2	right?
3	MS. GOLDEN: So, you know.	3	MR. HAMES: It's look. This doesn't have to be
4	MR. HAMES: I'm just talking about	4	a fight.
5	MS. GOLDEN: You're not asking him about all the	5	MS. GOLDEN: This is not a fight.
6	documents that have been produced.	6	MR. HAMES: I'm actually referring to something
7	-	7	that he signed. I'm asking him what he reviewed.
8	MR. HAMES: I know. I'm limiting it to what he's referencing in paragraph number 3 pertaining to the packaging		Specifically it says in here I have reviewed documents and
		9	
9 10	materials contained in the boxes. MS. GOLDEN: Okay. So we're still just on that	10	information MS_GOLDEN: Right
		11	MS. GOLDEN: Right.
11 12	MR. HAMES: Just that sentence.	12	MR. HAMES: in their possession pertaining to
		13	the packing materials. I'm paraphrasing his declaration.
13	MS. GOLDEN: Oh, okay.		MS. GOLDEN: Right.
14	MR. HAMES: Q. Other than these checks and the ones		MR. HAMES: I'm asking him what he reviewed that
15	that you looked at and the ledger is there anything else that	15	he's referring to in his declaration.
16	you're referring to pertaining to the packaging material? Or	16 17	MS. GOLDEN: Right.
17	the packing materials, rather? In the boxes?	17	MR. HAMES: Not what's been produced. Not what me
1.0	MS. GOLDEN: I'm going to object because the other	18	or may not be responsive to our document request. But what
18		у тэ	he's referring to in his declaration.
19	documents that we gave you refer to packaging material. The	20	
19 20	refer to Vermiculite.	20	MS. GOLDEN: Right.
19 20 21	refer to Vermiculite. MR. HAMES: But I'm asking	21	MR. HAMES: If there's anything else. That's all.
19 20 21 22	refer to Vermiculite. MR. HAMES: But I'm asking MS. GOLDEN: That's what you want to know, right?	21 22	MR. HAMES: If there's anything else. That's all. MS. GOLDEN: Right. And I am telling you that he
19 20 21 22 23	refer to Vermiculite. MR. HAMES: But I'm asking MS. GOLDEN: That's what you want to know, right? Yeah. That's exactly what it says.	21 22 23	MR. HAMES: If there's anything else. That's all. MS. GOLDEN: Right. And I am telling you that he is thinking in a very narrow frame of mind, and it's not
19 20 21 22	refer to Vermiculite. MR. HAMES: But I'm asking MS. GOLDEN: That's what you want to know, right?	21 22	MR. HAMES: If there's anything else. That's all. MS. GOLDEN: Right. And I am telling you that he

15 (Pages 54 to 57)

	58		60
1	MR. HAMES: Okay.	1	You have asked him many questions. He has
2	Now that you're now that we've had this	2	testified about people he's spoke to and where he got
3	discussion	3	information. Okay?
4	Q. Do you understand my question?	4	MR. HAMES: I'm asking about
5	A. Well let me see if I do.	5	MS. GOLDEN: Now you're looking at his declaration
6	Q. Okay.	6	and you're asking him the same exact questions he has alread
7	A. You are asking me have I looked at other documents	7	answered for you. And I think it is confusing him. I am not
8	than those documents produced?	8	trying in any way to stop you from finding out the
9	Q. Yes. Essentially.	9	information that you are looking for. Okay?
10	A. No.	10	But he's already answered about people he spoke to
11	Q. Okay. And the documents that are produced that	11	and where he got information.
12	have been produced are what you're referring to in paragraph	12	Then you're going and you're showing him this
13	3, the first sentence in paragraph 3 of your declaration,	13	declaration, okay, and asking him the same questions again.
14	correct?	14	I would find that confusing also.
15	A. Well, and where they came from. Like you	15	MR. HAMES: Thank you.
16	know several boxes of checks that were reviewed to come t	p 16	MS. GOLDEN: Okay?
17	with these, yes.	17	MR. HAMES: Are you finished? I don't want to
18	Q. Are there any other documents other than the boxes	18	interrupt you.
19	of checks and the ledger that you referenced that you	19	MS. GOLDEN: Oh, yes.
20	reviewed in reference to paragraph 3 of your declaration?	20	MR. HAMES: You get upset when I interrupt you.
21	A. Yeah. The ones the rest everything that we	21	MS. GOLDEN: Okay, I am finished.
22	produced I saw.	22	MR. HAMES: Okay. Do you want to take a break?
23	Q. Okay.	23	MS. GOLDEN: No.
24	A. I reviewed all of that. But then it came from us.	24	MR. HAMES: Okay.
25	Q. Okay. Got it. And then you've also and then in	25	MS. GOLDEN: We already took a break.
	59		61
1	this sentence it says documents and information in the	1	MR. HAMES: Q. Sir, what I'm asking you is a very
2	possession of Orton. What information are you referring to?	2	specific question. I'm not referring to anything else that
3	MS. GOLDEN: Objection, that's vague, ambiguous,	3	we've already talked about in your deposition.
4	over broad. Clearly over broad.	4	Paragraph 3, sentence number 1
5	MR. HAMES: That's because the sentence is vague	5	A. Um-hum.
6	and over broad.	6	Q of that particular paragraph you refer to
7	MS. GOLDEN: You know what? Please don't interru	pt 7	information in the possession of Orton. That you have
8	me, okay? Because that's not going to work.	8	reviewed. Has all of that information been produced here
9	MR. HAMES: All right.	9	today? Or in the conversations that you had with the
10	MS. GOLDEN: He has already told you people that	10	three individuals? That you've already talked about?
11	he's talked to. Okay, that's other information.	11	MS. GOLDEN: Okay.
12	MR. HAMES: Catherine, you are 100 percent telling	12	MR. HAMES: Q. Is there anything else?
13	him what to answer and coaching him.	13	MS. GOLDEN: I'm going to object because that is
14	MS. GOLDEN: No, I'm not. No, I'm not.	14	outside the scope of the deposition notice.
15	MR. HAMES: You're make speaking objections. You		You are not entitled by any means, Scott, entitled
16	and I can get along fine. This isn't a huge fight. All I	16	to every single thing that he has looked at, and that is what
17	want to do is ask him what information he's referring to in	17	you just asked him. You asked him if we produced everythin
18	this particular sentence. This sentence is a little over	18	that he has looked at.
	broad.	19	MR. HAMES: Catherine, let's go off the record and
	or onu.		have this conversation.
19	MS GOLDEN: First of all you know you have	2.0	
19 20	MS. GOLDEN: First of all, you know, you have	20 21	
19 20 21	absolutely no identification of Orton cones in this case. I	21	MS. GOLDEN: No, let's stay on the record. That's
19 20 21 22	absolutely no identification of Orton cones in this case. I don't want to get into this. And don't interrupt me, but	21 22	MS. GOLDEN: No, let's stay on the record. That's what you just asked him.
19 20 21 22 23	absolutely no identification of Orton cones in this case. I don't want to get into this. And don't interrupt me, but this is not a fight at all. I am simply trying to direct you	21 22 23	MS. GOLDEN: No, let's stay on the record. That's what you just asked him. MR. HAMES: So you're objecting and instructing him
19 20 21 22	absolutely no identification of Orton cones in this case. I don't want to get into this. And don't interrupt me, but	21 22	MS. GOLDEN: No, let's stay on the record. That's what you just asked him.

16 (Pages 58 to 61)

	62		64
1	MR. HAMES: Okay, you can answer then.	1	your declaration, of paragraph 3, sentence number 1?
2	MS. GOLDEN: Would you read back the question	2	MS. GOLDEN: That's been asked and answered and we
3		3	were referenced he already referenced the other materials
4	please. (Record read.)	4	we produced.
	· · · · · · · · · · · · · · · · · · ·		-
5	MR. HAMES: Go ahead, you can answer, subject to) 5 6	It's been asked and answered.
6	your counsel's objections.		MR. HAMES: That's the question that I was asking
7	MS. GOLDEN: Yeah, I'm going to object again, it		him.
8	vague, it's ambiguous, it's over broad and it's asked and	8	MS. GOLDEN: Yes, and he's asked and answered that
9	answered. He just told you that he reviewed all types of	9	because you've already asked it in another way.
10	other documents. Boxes of checks. Okay?	10	MR. HAMES: Are you going to instruct him not to
11	Obviously those are not here today.	11	answer that question?
12	MR. HAMES: Q. Is there anything	12	MS. GOLDEN: No, I'm not instructing him not to
13	MS. GOLDEN: You're trying to trap him. It's	13	answer. I want you to move along and stop badgering him.
14	argumentative.	14	Answer the question.
15	MR. HAMES: It's a very simple question.	15	THE WITNESS: No.
16	MS. GOLDEN: No.	16	MR. HAMES: Q. Okay. Thank you. Paragraph numbe
17	MR. HAMES: Q. Subject to her objections, can you	ı 17	4 on the second page of your declaration. It says prior to
18	answer the question, please?	18	mid-1963 Orton pyrometric cones were not packaged in
19	MS. GOLDEN: Is everything here today that you	19	Vermiculite. Rather the cones were packaged in non-asbestos
20	looked at?	20	sawdust.
21	MR. HAMES: Okay, Catherine, now, you	21	Do you see that sentence?
22	MS. GOLDEN: No, it's not. It's your question.	22	A. I do.
23	MR. HAMES: This is incredibly inappropriate.	23	Q. Okay. Let's let's take it sentence by sentence,
24	MS. GOLDEN: Okay, read back the question again.	. 24	actually, all right?
25	MR. HAMES: No.	25	So how is it that you know prior to to mid-1963
	63		65
1	MS. GOLDEN: No, I want him to read back the	1	that Orton pyrometric cones were not packaged in Vermiculite
2	question again, because that's exactly what you asked him.	2	A. One, by reviewing all the checks.
3	Could you please read back the question again?	3	Q. Okay.
4	(Record read.)	4	A. Orton didn't purchase any Vermiculite. And two,
5	MS. GOLDEN: That's exactly what you asked him.	5	talking with the gentlemen I've already referred to, Mr.
6	Answer the question.	6	Chase and Mr. Fronk.
7	THE WITNESS: No.	7	Q. Okay. And the date how did you arrive at the
			date of the mid mid-1963?
8	MR. HAMES: Q. Okay.	8	
9	I don't understand why that had to be so	9	A. Based on this on the date of the check. The
10	difficult.	10	first check that was written to Zonolite.
11	MS. GOLDEN: You are very, very confusing and	11	Q. And that's this first page right here that's been
12	you're confusing my witness. Clearly when he says he	12	produced that actually has the exhibit sticker on it?
13	reviewed boxes of checks	13	A. Yes.
14	MR. HAMES: I	14	MS. GOLDEN: I I'm not sure that these are
15	MS. GOLDEN: when he says he reviewed boxes of		in the perfect date order. Okay?
16	checks, does this look like boxes of checks to you?	16	So
17	MR. HAMES: We talked about that. No, other than	17	MR. HAMES: Oh.
18	the boxes of the checks and the ledger.	18	MS. GOLDEN: But I think they probably are.
19	MS. GOLDEN: That's not how you phrased that	19	MR. HAMES: Q. Okay. So well, if this refreshes
20	question.	20	your recollection you can answer the question.
21	MR. HAMES: Okay, let me rephrase it. Okay, you	21	This one's dated March 20th, 1963.
22	answered it. Let me ask you another question.	22	A. Okay.
23	Q. Other than the boxes of checks and the ledger that	23	Q. Is that the earliest check that you found
24	you mentioned, is there any other information or documents	24	without having to dig through all these?

17 (Pages 62 to 65)

68 66 1 Q. Okay. And is there anything else other than this 1 A. I don't know the name of the company. I do know it particular check that allows you to arrive at the date of was a lumber yard in Columbus, but I don't know the name of 2 when Orton first began purchasing Vermiculite? 3 it. 3 4 A. Well, the review of all the checks that were 4 Q. Do you know if there was more than one supplier of retained prior to that. the sawdust to Orton at any time? 5 6 Q. Okay. 6 A. I do not. 7 7 A. And not finding a check written to one of the Q. Okay. How do you know -- how do you know it was a Vermiculite suppliers. And also again conversation with two lumber yard in Columbus? 9 long-term employees. A. Because I was told by Mr. Chase. Q. Okay. Did you -- when you were reviewing the 10 10 Q. Okay. And that kind of goes to the second half of 11 this paragraph. That the cones were packaged in non-asbestos 11 checks did you see the name of that -- without recalling it sawdust. How do you know that? today, did you see the name of a lumber company on the 12 A. Because they told --13 13 MS. GOLDEN: I'm going to object. He just -- you 14 14 A. I don't recall, but we were not looking for that. just asked it and he answered it. 15 15 O. Okav. 16 MR. HAMES: Q. Well, he -- go ahead. You can 16 A. That was not -- that was -- I was never asked 17 17 about. answer. 18 MS. GOLDEN: Go ahead. 18 Q. Right, I understand. And it sounds like there's 19 THE WITNESS: Because I talked to those two 19 probably thousands and thousands of checks; is that right? 2.0 gentlemen. 20 A. You're right. Q. Boxes and boxes? Okay. All right. 21 MR. HAMES: Q. And you reviewed the checks? 21 22 22 A. When I -- yeah, I did review the checks. Have you ever seen a box of Orton cones packaged in 23 23 Q. Let me ask this question, okay? Who was the sawdust? supplier of the -- of the sawdust -- prior to 1963 -- that 24 A. Not to my recollection. 25 25 Orton was using to package the cones in? Q. And it was Mr. Chase that told you they were 69 67 1 A. I don't know. 1 packaged in sawdust? Q. Who were the checks made out to? A. And Mr. Fronk. A. I don't know. Nobody ever asked me that question 3 Q. Okay. And let's just take those guys one at a 3 4 until now. time. 5 Q. Okay. So when you were filtering through the 5 6 checks for these three individual companies that you were 6 Q. Mr. Chase, when did you have that conversation with 7 asked to look for by the individuals that you referenced, 7 him? 8 8 were there other companies that -- were there other checks A. This morning. 9 made out to other companies that you didn't include here 9 Q. Okay. Can you just summarize your conversation, 10 10 today? Other than those three companies? In other words please? there's more checks made out to other companies, correct? A. Basically I asked him when we stopped using 11 11 MS. GOLDEN: I'm going to object. This is over 12 sawdust. And where we got it. 12 13 Q. Okay. Did he -- did he tell you the name of the 13 broad, this is vague. company that -- the lumber company? THE WITNESS: Every check we ever wrote. 14 14 15 MS. GOLDEN: Come here. 15 A. No. He just told me it was a -- we got it from --16 (Witness and attorney consult off the record.) 16 I think his exact words were the lumber mill. 17 MR. HAMES: Q. Okay. So --17 Q. Okay. Do you have any way of knowing how he knows that? That -- let me just clarify. Do you know how Mr. 18 A. Can I go back? 18 19 19 Q. Yes, absolutely, now that you've talked to your Chase knows that Orton was using sawdust? 20 attorney. 20 MS. GOLDEN: Okay, I'm going to object. It calls MS. GOLDEN: Yes, I spoke with him. 21 for speculation. It's outside the scope of this notice. And 21 22 22 MR. HAMES: Q. You can clarify something. That's the document request. And it's double hearsay. 23 23 But go ahead. fine. 24 A. You asked me where they got the sawdust? 24 MR. HAMES: I agree, but that's what I'm asking 25 Q. Yes. The name of the company. 25 him.

18 (Pages 66 to 69)

	70		72
1	MS. GOLDEN: Go ahead. Well	1	A. He is.
2	THE WITNESS: Tell me again.	2	Q. Do you know where he lives?
3	MR. HAMES: Q. How do you know how Mr. Chas	e 3	A. Westerville.
4	knows that the cones were packaged in sawdust?	4	Q. Did you talk to him this morning?
5	MS. GOLDEN: Same objections.	5	A. No, I did not.
6	THE WITNESS: He told me that he knew.	6	Q. Do you have his phone number?
7	MR. HAMES: Q. Right. I understand that. He told	7	A. Not with me, no.
8	you that he knew. But did he tell you how he knew?	8	Q. Okay. Is it something that you'd be able to
9	A. Mr. Chase's mother was the production manager for	9	obtain?
10	like 40 years before he went to work there.	10	A. If I were in my office.
11	Q. When	11	Q. Okay. And what did he tell you with regards to the
12	A. He	12	pyrometric cones and their packaging?
13	Q. Sorry?	13	A. He told me that they started using Vermiculite in
14	A. So she's no longer alive.	14	1963.
15	Q. Okay. What was her name?	15	Q. Okay. And your attorney's probably going to
16	A. Mrs. Chase. I don't know her first name.	16	object, but I'm going to ask you essentially the same
17	Q. Okay. That's fine. Do you know when she worked	17	question with respect to Mr. Fronk.
18	for Orton?	18	Do you know how it is that he knows that they
19	A. The dates? No.	19	didn't start using Vermiculite until 1963?
20	Q. Okay. Do you know when Mr. Chase started working	F	MS. GOLDEN: Same objections I made before. It
21	for Orton?	21	calls for speculation. It calls for hearsay. And it lacks
22	A. Roughly 35 to 40 years ago. I don't know exactly.	22	foundation.
23	Q. Can you okay.	23	Do you know how he knows?
24	Do you know if he was working for Orton in 1963?	24	THE WITNESS: Yeah. I do.
25	A. I do not believe he was.	25	MR. HAMES: Q. Okay. How does he know?
	71		73
1	Q. Okay. Do you know if he worked for Orton prior to	1	A. He was there.
1 2		1 2	A. He was there. Q. When did he start working for Orton?
	Q. Okay. Do you know if he worked for Orton prior to 1970?A. Yes.	2	A. He was there.Q. When did he start working for Orton?A. I'm not exactly sure of the exact date.
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2 3 4 5 6	 Q. Okay. Do you know if he worked for Orton prior to 1970? A. Yes. Q. Okay. Do you know if he worked for Orton when the were still using sawdust as the packaging material for the cones? 	2 3 ey 4 5 6	 A. He was there. Q. When did he start working for Orton? A. I'm not exactly sure of the exact date. Q. Okay. Can you give me a rough estimate? A. Early '60's. Q. Do you know if he worked there prior to 1963?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Okay. Do you know if he worked for Orton prior to 1970? A. Yes. Q. Okay. Do you know if he worked for Orton when the were still using sawdust as the packaging material for the cones? A. I'm not sure. Q. Okay. Where does he live? A. Gahana. Q. Okay. And he's still an employee, I think you said? A. Yes, he is. Q. Okay. All right. Did you talk to him about anything else this morning? A. No. Q. Okay. So it's your understanding that Mr. Chase's mom worked for Orton, and that she must have provided the information to him that they were using sawdust? A. I have no idea. MS. GOLDEN: Wait a minute. That misstates prior testimony and it calls for speculation. MR. HAMES: Q. If you know.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. He was there. Q. When did he start working for Orton? A. I'm not exactly sure of the exact date. Q. Okay. Can you give me a rough estimate? A. Early '60's. Q. Do you know if he worked there prior to 1963? A. I would have to say that I'm assuming that he did. Because and I'm recalling a conversation I had back in 2004. Not recently. Q. Okay. A. He did he was actually part of the decision making process. Q. Okay. And when you're referring to the decision making process are you talking about the decision to switch from Vermiculite or rather switch from sawdust to Vermiculite? A. Yes. Q. Okay. Let's talk about that a little bit. Do you know why that decision was made? A. I know what I was told. I was told that there were a couple of issues. One, no one makes sawdust as a product. It's a by-product. The reliability of supply was very

19 (Pages 70 to 73)

	74		76
1	you're aware of other than the one you just mentioned?	1	MR. HAMES: Q. Do you know if they were paying mor
2	A. I was not told any other reasons.	2	for the Vermiculite than they were for the sawdust?
3	Q. Okay. And so Mr. Chase was involved in that	3	A. I do not know.
	· · · · ·	4	Q. Okay, Okay, other than these three companies that
4	decision. Do you know anyone else that was?	5	
5	A. No, that wasn't what I said.		were supplying Vermiculite to Orton, do you know of anyone
6	MS. GOLDEN: I'm going to object that it misstates	6 7	else that may have supplied Vermiculite to Orton at any time?
7	prior testimony.		MS. GOLDEN: I'm going to object. It's been asked
8	MR. HAMES: Q. Okay, I'm sorry, I must have	8	and answered. Twice.
9	misunderstood you, then.	9	MR. HAMES: Q. Go ahead, you can answer it.
10	A. Mr. Fronk.	10	MS. GOLDEN: You can answer it one more time.
11	Q. Mr. Fronk was involved in that decision. Okay.	11	THE WITNESS: I know of no one else.
12	Do you know anyone else that was involved in that	12	MR. HAMES: Q. Okay. Do you know where W.R.
13	decision other than Mr. Fronk?	13	Grace's Vermiculite came from that was supplied to Orton?
14	A. I would assume that the general manager at that	14	MS. GOLDEN: I'm going to object. This is beyond
15	time would have been. It being such a small organization	15	the scope of his knowledge.
16	Nothing happens without the general manager's knowledg	e. 16	MR. HAMES: Q. Well, he can tell me if it is or if
17	Q. Okay. Do you know the names of any individuals	17	it isn't.
18	that were involved in that decision?	18	MS. GOLDEN: Do you know where it came from?
19	A. I know the name of the general manager at that	19	THE WITNESS: Do I know where it was exfoliated?
20	time.	20	MR. HAME: Q. Yeah, do you know exactly where on
21	Q. Who was it?	21	the earth it came from?
22	A. Mike Vucavich.	22	MS. GOLDEN: Okay, I'm going to object. As it's
23	Q. Can you spell that one?	23	vague and ambiguous, and over broad.
24	A. No.	24	MR. HAMES: Q. Go ahead. You can answer.
25	Q. Can you just say it one more time?	25	MS. GOLDEN: When you say came from are you talking
	75		77
1	A. Vucavich.	1	about where it was mined?
2	Q. With a V?	2	MR. HAMES: Yes.
3	A. V, yes.	3	MS. GOLDEN: Where it was exfoliated.
4	O. Is Mike Vucavich still alive?	4	MR. HAMES: Exactly. Where it was mined.
5	A. I'm not sure.	5	MS. GOLDEN: Where it was mined, okay.
6	Q. Do you know where he was last living?	6	THE WITNESS: I don't know.
7	A. In the Columbus area. Best of my knowledge.	7	MR. HAMES: Q. Do you know how many mines W.
8	Q. Okay. Other than Mr. Vucavich and Mr. Fronk do yo		Grace had?
9 10	know of anyone else that may have been involved in the	10	MS. GOLDEN: I'm going to object. That's outside
10	decision to switch from sawdust to Vermiculite?	10	his it's outside the notice and it's outside the scope of
11	A. I do not, no.	11	his knowledge.
12	Q. So was Orton paying for the sawdust? Prior to '63?	12	MR. HAMES: Q. I'm just asking if you know.
13	For the packaging?	13	MS. GOLDEN: Okay, it's outside the scope of the
14	A. I assume they were. I don't know.	14	notice of the deposition. How many mines does W.R. Grace
15	Q. Okay. And why was Vermiculite chosen, if you know		have?
16	A. I would only be speculating if I said why. I don't	16	Did you does he ever know how many mines they
17	know why. One thing is it's not flammable.	17	had?
18	Q. Okay. Well, it just seems to me like sawdust would	18	MR. HAMES: I completely disagree. I want
19	be a lot cheaper than Vermiculite, so now they're paying for	19	Q. Go ahead and you can answer.
20	Vermiculite. Do you know if they were paying more for the	20	MS. GOLDEN: You can answer.
21	Vermiculite than they were to the sawdust?	21	MR. HAMES: I don't want to drag this out any
22	MS. GOLDEN: Okay, I'm going to object. Just	22	longer than we already have.
23	please proceed by question and answer. I'm going to object	23	THE WITNESS: I know of two.
24	to your preface. Whatever your opinions are doesn't really	24	MR. HAMES: Q. Okay.
25	matter. So if you have a question, ask it.	25	A. That's all I know of.

20 (Pages 74 to 77)

	78		80
1	Q. Let me ask you in particular. Do you know if any	1	Where do you make that leap?
2	of the Vermiculite ever supplied to Orton came from W.R.	2	MR. HAMES: Can you hand me Exhibit number 1,
3	Grace's Libby, Montana mine?	3	please?
4	A. I do not know.	4	(Pause.)
5	Q. What about the Zonolite Company's mine? Do you	5	You're instructing him not to answer my question?
6	know where the Zonolite Company's mine was? Vermiculit	e 6	MS. GOLDEN: No, I didn't.
7	mine?	7	MR. HAMES: Q. Okay, you can answer.
8	A. Well, actually	8	MS. GOLDEN: You show me in your deposition notice
9	MS. GOLDEN: Wait, wait a minute. I'm going to	9	where he has to know anything what his personal knowled
10	object. It's vague and ambiguous and it's over broad as to	10	is. About Libby, Montana.
11	time. Are you talking about any time in the history of the	11	MR. HAMES: Are you instructing him not to answer
12	Zonolite company?	12	my question?
13	MR. HAMES: Let's say in 1963.	13	MS. GOLDEN: Where is the category? Yes, I'm goin
14	MS. GOLDEN: Okay.	14	to until you tell me what the category is.
15	THE WITNESS: I'm I'm going to have to speculate	15	MR. HAMES: I don't think there is a particular
16	here.	16	category. The questions in the deposition are not limited
17	MS. GOLDEN: We don't want you to speculate.	17	just to the categories.
18	THE WITNESS: Well, because I don't know. If I	18	MS. GOLDEN: Well, yes, they really are. Yes, they
19	can't speculate then I don't know.	19	are. And they're also supposed to be limited, Scott, to
20	MR. HAMES: Q. Okay. Okay. Are you aware let	20	where there is identification in the case. Of which there is
21	me just ask you just for your background. Are you aware the	at 21	none.
22	there's a Vermiculite mine in Libby, Montana where issues	22	MR. HAMES: I know your arguments for your motio
23	pertaining to it being contaminated with asbestos have been	23	for summary judgment.
24	reported?	24	MS. GOLDEN: Of which there is none.
25	MS. GOLDEN: Okay, I'm going to object. I don't	25	MR. HAMES: I know your arguments.
	79		81
1			
	see the relevance of that at all to this deposition. Or to	1	MS. GOLDEN: In fact maybe I should attach the
2	see the relevance of that at all to this deposition. Or to the notice.	1 2	MS. GOLDEN: In fact maybe I should attach the separate statement of facts from our motion for summary
	-		separate statement of facts from our motion for summary
2	the notice.	2	separate statement of facts from our motion for summary
2	the notice. Have you you're asking him if he's ever heard of	2	separate statement of facts from our motion for summary judgment to the deposition, undisputed testimony from your
2 3 4	the notice. Have you you're asking him if he's ever heard of the Libby the whole Libby mess?	2 3 4 5	separate statement of facts from our motion for summary judgment to the deposition, undisputed testimony from your client. What is what he knows about Libby Montana has
2 3 4 5	the notice. Have you you're asking him if he's ever heard of the Libby the whole Libby mess? MR. HAMES: Yes.	2 3 4 5	separate statement of facts from our motion for summary judgment to the deposition, undisputed testimony from your client. What is what he knows about Libby Montana has absolutely no bearing or relevance in this case. Now, if you want to ask him about one of your
2 3 4 5 6	the notice. Have you you're asking him if he's ever heard of the Libby the whole Libby mess? MR. HAMES: Yes. MS. GOLDEN: I mean, come on. What does that hav to do with this case?	2 3 4 5 e 6	separate statement of facts from our motion for summary judgment to the deposition, undisputed testimony from your client. What is what he knows about Libby Montana has absolutely no bearing or relevance in this case. Now, if you want to ask him about one of your
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21 (Pages 78 to 81)

	82		84
1	Q. How do you know that?	1	MS. GOLDEN: I think what we need to do is we migh
2	A. Because that's where J.P. Austin imported the	2	as well take a lunch break. I have a copy of these. We can
3	material from.	3	go through them.
4	Q. Okay. And how do you know that J.P. Austin got th	e 4	MR. HAMES: You sure you want to take a lunch
5	Vermiculite from South Africa?	5	break? We have to be at court at 2:00 o'clock.
6	A. I spoke with Jerry Austin.	6	MS. GOLDEN: You have to be at court. I don't have
7	Q. Okay. And who's Jerry Austin?	7	to be at court. He doesn't have to be at court.
8	A. He's the principal of J.P. Austin.	8	MR. HAMES: Is it really going to take you that
9	Q. And he's the one that told you that it came from	9	long, do you think?
10	South Africa?	10	MS. GOLDEN: Well, we got to look through them.
11	A. Yes.	11	MR. HAMES: He may know without having to look
12	Q. Do you know what years they got the Vermiculite	12	through them.
13	from South Africa?	13	MS. GOLDEN: You just asked him and he said he
14	A. His statement was to me we've always gotten it	14	doesn't.
15	there and we still do.	15	THE WITNESS: I can easily tell by looking.
16	Q. Okay. Did he tell you if they got it anywhere else	16	MR. HAMES: Q. How long do you think it's going to
17	other than South Africa?	17	take you to look through them?
18	A. That was the only place, he said.	18	A. I don't have a good estimate. 15 minutes.
19	Q. Okay. All right.	19	MR. HAMES: Why don't we just take 15 minutes.
20	When did W.R. Grace supply Vermiculite well,	20	MS. GOLDEN: Listen to me. Do you know this is
21	let's take actually, let me back up. Let me withdraw that	21	one of the things that I'm totally confused about, is checks
22	question.	22	written to W.R. Grace versus Zonolite. I have no idea when
23	Do you know when the Zonolite Company supplied	23	they changed their name. Do you know anything about that?
24	Vermiculite to Orton for use in the packaging of the	24	THE WITNESS: No. The only thing I know is
25	pyrometric cones?	25	MS. GOLDEN: You'll have to look at this, right?
	83		85
1	A. Yes.	1	THE WITNESS: Have to look at the checks.
2	Q. Okay. What years was that?	2	MS. GOLDEN: Okay.
3	A. I'd have to look at the checks. The canceled	3	THE WITNESS: It was either made out to Zonolite,
4	checks.	4	W.R. Grace or Austin.
5	Q. That's fine. You can go ahead and look at those.	5	MR. HAMES: Okay. I can probably save us some time
6	MS. GOLDEN: Okay.	6	then.
7	MR. HAMES: Q. I don't want you to review all of	7	MS. GOLDEN: Because I don't know when Zonolite
8	them, but I'm talking about when they first started.	8	changed to W.R. Grace. I don't know when they
9	MS. GOLDEN: Okay, wait a minute here. You've	9	MR. HAMES: Q. We can go through the checks just
10	asked him two things, when they first started and what years		well.
11	they supplied it. For him to give you the years he's going	11	A. Sure.
12	to have to look at all of the checks. If you want him to do	12	Q. So other than the checks you don't know exactly
13	that that's fine, but we can take a break at least while he's	13	when any of these three companies was supplying Vermicul
14	doing that, okay?	14	to Orton. Is that right?
15	MR. HAMES: Okay, why don't we do that.	15	A. Other than my conversations with Mr. Fronk. And
16	Q. Okay. I would like you to look through before	16	Mr. Chase.
17	we go off the record, what I'm going to do is I'm going to	17	Q. Right. But they didn't tell you the exact years?
18	ask you with respect to each one of those companies I want t		A. Oh, no.
19	know when they first started and when they stopped supplying		Q. Okay. So in order to obtain that information, the
20	the Vermiculite, so we have some time frame for who was	20	best source of information is to look through the checks,
21	supplying the Vermiculite to Orton, okay?	21	figure out exactly when they were written
22	MS. GOLDEN: Right. At the various times. When it		A. Um-hum.
23	will start, when it will stop, whenever it starts again.	23	Q the date on those checks and who they were made
24	MR. HAMES: However you want to categorize it.	24	out to.
25	It's really important.	25	A. That's right.

22 (Pages 82 to 85)

	86		88
1	Q. As to who supplied the Vermiculite to Orton.	1	record the time is 12:40.
2	A. Yes.	2	MR. HAMES: Q. Okay, I think we've exhausted the
3	Q. And when.	3	issues pertaining to the checks, so I'm not going to ask you
4	A. Sure.	4	any more questions about that right now.
5	Q. Okay. Do you know what the dates on the checks	5	I want to talk about some of these other documents.
6	themselves represent? In other words, let's look at the	6	The documents themselves all speak for themselves, but I jus
7	first one as an example. Okay? This is dated March 20th,	7	need to mark everything.
8	1963.	8	So let's just grab this one right here that's dated
9	A. Um-hum.	9	October 8th, 1976. Can you identify what this is, please?
10	Q. Do you know if they were paid and this is to the	10	A. Yeah. It's an analysis of the crude Vermiculite
11	Zonolite Company.	11	done by the Atlanta Testing and Engineering Company, and t
12	A. Um-hum.	12	material originated from the Palabora Mine in South Africa.
13	Q. Do you know if the Zonolite Company was paid wh		Q. Okay. Was this testing done at the request of
14		14	Orton?
15	the Vermiculite was delivered? Or after some other point? A. Do I know no, I don't know specifically.	15	A. No.
16	Q. Okay. Do you know if, for example, it took any	16	Q. Do you know how this testing went about? How it
17	period of time for Orton to start including the Vermiculite	17	originated?
18	for this particular check into the packaging?	18 19	MS. GOLDEN: You mean who requested it?
19	Like was there in other words, do you understand		MR. HAMES: Yeah.
20	what I'm getting at? Like the Vermiculite, was it sitting	20	THE WITNESS: Well, based on the address that it
21	around for a year before they stuck that particular	21	was sent to, I would assume that American what is that
22	Vermiculite into the package?	22	American Vermiculite?
23	A. Oh, I don't know that.	23	MR. HAMES: Q. Uh-huh.
24	Q. Okay. Do you know if Orton had some sort of	24	A. Requested it.
25	warehouse or a room or something where they kept the	25	Q. Okay. And I just got this before your deposition,
	87		89
1	Vermiculite?	1	so I haven't read through everything, but do you know if
2	A. Yes, I well I'm not sure.	2	do you know if the American Vermiculite Corporation ever
3	Q. Okay.	3	supplied Vermiculite to Orton?
4	A. To be honest with you.	4	A. No, they supplied to J.P. Austin. They were the
5	Q. Do you know how the Vermiculite that was supplied	5	importer.
6	by these various companies was packaged?	6	Q. Oh, okay. That explains it.
7	A. Mr. Fronk told me it came in bags.	7	Was this document obviously it must have been
8	Q. Okay. Do you know if the bags had the names of the	8	provided to Orton at some time.
9	suppliers on them?	9	A. It was.
10	A. Oh, I don't know that.	10	Q. Do you know when it was?
11	Q. Do you know if the bags were stacked somewhere at	11	A. The received date.
12	the at Orton?	12	Q. Okay, at the top. Will you just read it for the
13	A. Do I know personally? No.	13	record?
14	Q. What I'm trying to figure out is how long would it	14	A. The received date stamped by Orton was December
T.4			1st, it looks like 1978.
15	take a particular bag to go into one of the boxes of cones?	15	
	take a particular bag to go into one of the boxes of cones? Do you know that?	16	Q. Okay. Why don't we go ahead and mark that next in
15	Do you know that?	16	
15 16	Do you know that? A. There's no way of me knowing that.		order.
15 16 17 18	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break.	16 17	order. (Whereupon Plaintiff's Exhibit 4 was marked for
15 16 17 18 19	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break. MR. HAMES: Okay.	16 17 18 19	order. (Whereupon Plaintiff's Exhibit 4 was marked for identification.)
15 16 17 18 19 20	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break. MR. HAMES: Okay. THE VIDEOGRAPHER: This marks the end of Tape 1	16 17 18 19 of 20	order. (Whereupon Plaintiff's Exhibit 4 was marked for identification.) MR. HAMES: Q. Okay, and you produced this next
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15 16 17 18 19 20 21 22	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break. MR. HAMES: Okay. THE VIDEOGRAPHER: This marks the end of Tape 1 Volume I of the deposition of Gary Childress. Going off the record the time is 12:24.	16 17 18 19 of 20 21 22	(Whereupon Plaintiff's Exhibit 4 was marked for identification.) MR. HAMES: Q. Okay, and you produced this next document. Dated September 2nd, 1981. And essentially the a request to who is it addressed to?
15 16 17 18 19 20 21 22 23	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break. MR. HAMES: Okay. THE VIDEOGRAPHER: This marks the end of Tape 1 Volume I of the deposition of Gary Childress. Going off the record the time is 12:24. (Brief recess taken.)	16 17 18 19 of 20 21 22 23	order. (Whereupon Plaintiff's Exhibit 4 was marked for identification.) MR. HAMES: Q. Okay, and you produced this next document. Dated September 2nd, 1981. And essentially the a request to who is it addressed to? A. W.R. Grace & Company.
15 16 17 18 19 20 21 22	Do you know that? A. There's no way of me knowing that. MS. GOLDEN: Let's take a break. MR. HAMES: Okay. THE VIDEOGRAPHER: This marks the end of Tape 1 Volume I of the deposition of Gary Childress. Going off the record the time is 12:24.	16 17 18 19 of 20 21 22 23	order. (Whereupon Plaintiff's Exhibit 4 was marked for identification.) MR. HAMES: Q. Okay, and you produced this next document. Dated September 2nd, 1981. And essentially the a request to who is it addressed to?

23 (Pages 86 to 89)

	90		92
1	Q. Okay. And is that Mr. Fronk that you were	1	A. Vukovich that's how you spell it.
2	referring to throughout your deposition?	2	Q. That's how you spell it. It's on there, right?
3	A. The same.	3	A. Right.
4	Q. Okay. Why don't we go ahead and mark that next i	n 4	Q. Okay.
5	order.	5	A. Mr. Vukovich was the general manager at that time.
6	(Whereupon Plaintiff's Exhibit 5 was marked for	6	Q. Okay. And then we also have a material safety data
7	identification.)	7	sheet from J.P. Austin.
8	MR. HAMES: Q. Do you know why that request wa	ıs 8	Wait, did we mark that one? Let's mark this. Just
9	made?	9	for the record, we're marking the September 1st, 1983 minutes
10	MS. GOLDEN: I'm going to object. It calls for	10	as next in order.
11	hearsay I mean it calls for speculation.	11	(Whereupon Plaintiff's Exhibit 7 was marked for
12	THE WITNESS: If the documents speak for	12	identification.)
13	themselves, read it.	13	MS. GOLDEN: That you already got with the document
14	MR. HAMES: Q. Okay.	14	production.
15	MS. GOLDEN: He'll be a lawyer by the time	15	MR. HAMES: Yeah. You know, I don't think I marked
16	MR. O'SHEA: Picking up the lingo.	16	it though, have I?
17	MR. HAMES: Q. And then there was a let's see	17	MS. GOLDEN: No, I don't think you have. No, you
18	MS. GOLDEN: You looking for the response from	18	haven't.
19	Grace?	19	MR. HAMES: Okay.
20	MR. HAMES: Yeah, exactly.	20	Q. And the next document is the Material Safety Data
21	MS. GOLDEN: That was attached to the document	21	Sheet from J.P. Austin; is that right?
22	request.	22	A. That's correct.
23	MR. HAMES: Right, okay.	23	Q. Okay. We'll just go ahead and mark that as next in
24	MS. GOLDEN: But I'm not quite sure if I provided	24	order.
25	it again or not.	25	(Whereupon Plaintiff's Exhibit 8 was marked for
	91		93
_			
1	MR. HAMES: I have it.	1	identification.)
1 2	MR. HAMES: I have it. MS. GOLDEN: But I have it right here.	1 2	identification.) MR. HAMES: Q. Okay, is that everything that
			,
2	MS. GOLDEN: But I have it right here.	2	MR. HAMES: Q. Okay, is that everything that
2	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it	2	MR. HAMES: Q. Okay, is that everything that we've that was produced today?
2 3 4	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it off the top.	2 3 4	MR. HAMES: Q. Okay, is that everything that we've that was produced today? MS. GOLDEN: Yeah.
2 3 4 5	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it off the top. MS. GOLDEN: Okay.	2 3 4 5	MR. HAMES: Q. Okay, is that everything that we've that was produced today? MS. GOLDEN: Yeah. MR. HAMES: I just want to make sure I didn't leave anything out. MS. GOLDEN: You've got something laying over the
2 3 4 5 6	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it off the top. MS. GOLDEN: Okay. MR. HAMES: Q. And then you received was that	2 3 4 5 6 7	MR. HAMES: Q. Okay, is that everything that we've that was produced today? MS. GOLDEN: Yeah. MR. HAMES: I just want to make sure I didn't leave
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2 3 4 5 6 7 8 9	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it off the top. MS. GOLDEN: Okay. MR. HAMES: Q. And then you received was that the response that you received from Grace? That Orton received from Grace from Exhibit number 5? The Fronk lette A. Yes. Q. Okay. So let's go ahead and mark that next in order.	2 3 4 5 6 7 r? 8 9	MR. HAMES: Q. Okay, is that everything that we've that was produced today? MS. GOLDEN: Yeah. MR. HAMES: I just want to make sure I didn't leave anything out. MS. GOLDEN: You've got something laying over the with the sticker on it. I just want to make sure it gets back in the pile. MR. HAMES: Yeah, that's the depo notice. MS. GOLDEN: I've taken them home before.
2 3 4 5 6 7 8 9	MS. GOLDEN: But I have it right here. MR. HAMES: I have it right here. I just ripped it off the top. MS. GOLDEN: Okay. MR. HAMES: Q. And then you received was that the response that you received from Grace? That Orton received from Grace from Exhibit number 5? The Fronk lette A. Yes. Q. Okay. So let's go ahead and mark that next in order. (Whereupon Plaintiff's Exhibit 6 was marked for	2 3 4 5 6 7 r? 8 9	MR. HAMES: Q. Okay, is that everything that we've that was produced today? MS. GOLDEN: Yeah. MR. HAMES: I just want to make sure I didn't leave anything out. MS. GOLDEN: You've got something laying over the with the sticker on it. I just want to make sure it gets back in the pile. MR. HAMES: Yeah, that's the depo notice.
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24 (Pages 90 to 93)

	94		96
1	contaminated with asbestos; is that right?	1	the plant dirty, and they wanted to get it out of the plant
2	A. No, actually, it's	2	because it was dirty.
3	MS. GOLDEN: I'm going to object. It misstates	3	Q. Okay. Were there any concerns as far as you're
4	it misstates what the document says, and it speaks for	4	aware that Orton had pertaining to any hazards associated
5	itself.	5	with Vermiculite being contaminated with tremolite?
6	MR. HAMES: Q. Well, do you have information, or	6	A. There there's no records that I'm aware of.
7	did W.R. Grace ever inform Orton that any of the Vermicul	te 7	No.
8	it supplied that it actually supplied to Orton was ever	8	Q. Were there ever any like safety precautions given
9	contaminated with asbestos?	9	to Orton's own employees pertaining to their handling of
10	A. Asbestos?	10	Vermiculite that may be contaminated with tremolite?
11	Q. Yes.	11	A. Not to my knowledge, no.
12	A. I think it's that the MSDS says tremolite.	12	Q. Were like the Orton employees required to wear any
13	Q. Okay. When was it that Orton first learned that	13	sort of breathing protection?
14	okay, let me back up.	14	MS. GOLDEN: At any time?
15	It's not totally responsive to my question.	15	MR. HAMES: Q. Well, let's say from '63 to '83.
16	Do you know if any of the Vermiculite that was	16	A. To the best of my knowledge they were never
17	actually supplied to Orton by W.R. Grace was in fact	17	required to wear protection.
18	contaminated with tremolite?	18	Q. Okay. Do you know why the decision was made to
19	A. No.	19	switch from Vermiculite to the foam that they're using today?
20	Q. Okay. Is there any way for you to find out that	20	A. Other than what I just said, that in the minutes
21	you know of? Any documents or anyone you could talk to?	21	that said that it was dirty. It created a lot of dust and it
22	Anything like that?	22	made the plant dirty. And that's the only the only
23	A. If you can get W.R. Grace to produce their records.	23	information that I've found referring to making the change at
24	Lots of luck. I tried.	24	all.
25	Q. You did? Do you know if Orton has ever tested any	25	Q. Have you heard of any of Orton's former employees
	95		97
1	of the Vermiculite it used in its packaging for the presence	1	ever developing an asbestos-related illness?
2	of tremolite?	2	A. No, I have not.
3	A. Not to the best of my knowledge, no. There's no	3	Q. Are you aware of any Workers' Compensation claims
4	record for that.	4	or anything like that made against Orton by its own employees
5	Q. Okay. Have you ever heard of or are you aware	5	for exposure to asbestos?
6	of J.P. Austin's Vermiculite ever being contaminated with	6	A. None to my knowledge. Certainly none in the time
7	tremolite?	7	frame that I've been the general manager. I can speak
8	A. No, I've never heard of that.	8	specifically there, no, none during that time frame.
9	Q. And what about the Zonolite Company? Do you kno	w 9	Q. Okay. We've talked about a few people that worked
10	if their Vermiculite was ever contaminated with tremolite?	10	for Orton. And Mr. Chase who still works there.
11	A. I don't know about Zonolite. We do not back in	11	A. Um-hum.
12	those days I don't even think there was such a thing as an	12	Q. Can you tell me the names of anyone else that
13	MSDS.	13	worked for Orton during the time period of 1963 and 1983 that
14	Q. Okay. After Orton received the MSDS from W.R.	14	you know is still alive?
15	Grace pertaining to the tremolite and I think that was in	15	MS. GOLDEN: Other than the ones he's already told
16	1981; is that right?	16	you about?
17	MS. GOLDEN: That's right. That's when it's dated.	17	MR. HAMES: Q. Yeah, other than the ones you've
18	MR. HAMES: Yeah, I think it's dated	18	already mentioned.
19	THE WITNESS: Yeah, September, I think.	19	MS. GOLDEN: Okay.
20	MR. HAMES: Q. Were there any discussions that	20	THE WITNESS: One other that I know.
21	you're aware of, were there any decisions made pertaining to	21	MR. HAMES: Q. Who's that?
22	whether or not they should continue using Vermiculite?	22	MS. GOLDEN: Now you can't remember his name?
23	A. The the only records that I found in document	23	Sounds like me.
24	review was the exhibit from the board minutes. Where it	24	THE WITNESS: His first name's Jim. Whitfield.
	referred to it as it was just nuisance dust, and it made	25	MS. GOLDEN: There you go.

25 (Pages 94 to 97)

	98		100
1	THE WITNESS: Took a minute to drag that one out.	1	were they approached by I think Zonolite was the first
2	MR. HAMES: Q. Where does Jim Whitfield live?	2	one. Like a sales rep or something?
3	A. In Columbus.	3	MS. GOLDEN: You mean how they came to the
4	Q. Is he retired?	4	decision
5	A. Yes.	5	MR. HAMES: Yeah.
6	Q. What was his position within Orton?	6	MS. GOLDEN: to use Vermiculite as opposed to
7	A. He was a press operator.	7	anything else.
8	Q. Is that on the line where they were making the	8	MR. HAMES: Q. As opposed to any other thing. W
9	cones?	9	already talked about that sawdust was not as reliable and a
10	A. Yes.	10	fire hazard and stuff, but why why Vermiculite? If you
11	Q. Okay. Because Orton makes other stuff that's not	11	know?
12	at issue in this case, right?	12	A. I really don't know. I could make statements
13	A. Right.	13	regarding the properties of Vermiculite that would make yo
14	Q. Okay. And you know, I kind of limited that	14	want to use it.
15	question.	15	Q. Right.
16	Let me just open it up. Do you know anyone else	16	A. It's nice and spongy once it's exfoliated. It
17	that's still alive that you haven't already mentioned that	17	would be a good cushioning, packaging material. I don't
18	ever worked for Orton prior to 1983? Because I limited it to	18	think that I can't I can't tell you this for certain, I
19	'63 to '83. Do you know anyone who might have worked the		don't think we were that Orton was the only people who
20	before '63, in other words, who's still alive?	20	used it for packaging. There were other things probably
21	A. Other than the ones I've mentioned, no.	21	packaged in Vermiculite.
22	Q. Your answer just confused me, so hold on a	22	You probably know that better than I do. But it
23	second. Correct me if I'm wrong, but are there I didn't	23	it's a real spongy granule.
24	think that there were any individuals that you knew of that	24	MS. GOLDEN: Oh, he's seen it. They have a
25	worked there prior to 1963 that were still alive. Is that	25	picture.
	99		101
1	right?	1	MR. HAMES: We have a box of it, actually.
2	A. Vukovich.	2	THE WITNESS: Okay. Well, you know what it looks
3	Q. Oh, okay, Vukovich was. Do you know when he work	ed 3	like.
4	there? For Orton?	4	MS. GOLDEN: I think what you're indicating, it was
5	A. I do not know when he started. No.	5	a common packaging material, it could very well have been a
6	Q. Do you know when he left?	6	common packaging material.
7	A. I don't know the exact time frame, but it was like	7	THE WITNESS: Um-hum.
8	1991, '92. Somewhere in that time frame.	8	MR. HAMES: Right, okay.
9	Q. What was his job title?	9	Q. Between okay. Another area that I'm kind of
10	A. General manager.	10	interested in is do you know who else manufactures pyrometr
11	Q. Okay, you don't know when he started but you're	11	cones in the United States? Say who else was doing it in the
12	pretty sure that he started before 1963?	12	1950's? Who else was making them?
13	A. Yeah.	13	MS. GOLDEN: Just in the United States?
14	Q. Okay. Do you know if he worked there prior to	14	MR. HAMES: Yeah, just in the United States.
15	1960?	15	MS. GOLDEN: Oh.
16	A. I don't know.	16	THE WITNESS: I don't know the date the dates
17	Q. Okay.	17	when they started and stopped. But there was a company
18	A. I'm not I just don't know when he started.	18	called Bell Ceramics.
19	J	19	MR. HAMES: Q. Okay. Anyone else?
20	Q. Okay. When was the last time you talked to him? A. Actually right after I came to work at Orton.	20	
			A. In the United States? Not to my knowledge.
21 22	Q. In 2001?	21	Q. Let's open it up, because I don't think there's
	A. 2001, 2002 time because I came at the end of	22	going to be that many manufacturers, but you tell me. Are
23	2001. It might have actually been 2002.	23	there a whole bunch of manufacturers that make these
24	Q. Okay. Can you just, if you know, briefly tell me	24	pyrometric cones even today?
25	how it was that Orton started using Vermiculite? I mean,	25	A. No.

26 (Pages 98 to 101)

	102		104
1	Q. Or have over the years?	1	they're still in operation today.
2	A. No.	2	Q. Okay. Do you know any of the companies in China?
3	Q. Can you tell me the names of Orton's competitors	3	You said there were two or three.
4	that you're aware of that make the cones?	4	A. I don't.
5	A. Seager, S-e-a-g-e-r. That's in Germany.	5	Q. Do you know their names?
6	Q. Right.	6	A. I don't know, no.
7	A. Seager was the first company that ever made	7	Q. Do you know when they started making pyrometric
8	pyrometric cones and General Orton actually went over and	8	cones?
9	talked with Dr. Seager.	9	A. No.
10	Q. Right. Did they work together?	10	Q. Do you know if they're still in business today?
11	A. I don't think they actually worked together. He	11	A. As far as I know they're still in business.
12	went over and worked with Dr. Seager for a period of time an	i 12	Q. Do you know if they market their cones in the
13	then brought that technology back to the United States.	13	United States?
14	Q. And Dr. Seager was the person that invented them,	14	A. I do not know.
15	right?	15	Q. Okay. Seager you mentioned is in Germany?
16	A. Yes.	16	A. Yeah. Yes.
17	Q. So General Orton worked with him and then developed	i 17	Q. When did they start actually manufacturing the
18	his own company or started making them in the United	18	cones?
19	States?	19	A. I don't know, but it would have been before
20	A. Correct.	20	1896. Since General Orton went there and started his compar
21	Q. Other than Bell Ceramics and Seager are you aware	21	in 1896. So it had to be sometime before 1896.
22	of any other companies that have ever manufactured pyrometr	ic 22	MS. GOLDEN: Well right.
23	cones?	23	MR. HAMES: Q. Right.
24	A. Yes. There's a company in Brazil. There's a	24	MS. GOLDEN: Just based on logic.
25	company in Japan. And there's about there's either two or	25	MR. HAMES: Q. And are they still in operation
	103		105
1	three in China. Mainland China.	1	today?
2	Q. Okay. Any other ones?	2	A. No, they are not.
3	A. Those are the only ones I'm aware of.	3	Q. When did they go out of business?
4	Q. Do you know the name of the company in Brazil?	4	A. Two or three years ago.
5	A. I can't recall it.	5	Q. Okay. Do you know how long were they making
6	Q. That's okay.	6	pyrometric cones up to the time that they went out of
7	MS. GOLDEN: That's all right.	7	business two or three years ago?
8	MR. HAMES: Q. If it comes to you let me know.	8	A. Except for a period during World War II when the
9	A. All right.	9	factory got bombed.
10	Q. Do you know when they were making pyrometric cone	l .	Q. Where was their factory?
11	When they were in business?	11	A. In Germany.
12	A. As far as I know they're still in business, but I	12	Q. Do you know where?
13	do not know when they started.	13	A. I don't know what town, but they were bombed out
14	Q. Okay. Do you know if they market cones in the	14	business.
15	United States?	15	Q. Yeah.
16	A. I do not know.	16	MS. GOLDEN: I hope no one was killed.
17	Q. Okay. Do you know the name of the company in	17	MR. HAMES: Yeah, no kidding.
18	Japan?	18	MS. GOLDEN: They probably were.
19	A. No. I don't remember the name of that company.	19	MR. HAMES: Yeah.
20	• •	20	
	Q. Same question. Do you know if they marketed cones in the United States?	21	Q. Bell Ceramics, do you know when they started doin
21 22			business?
	A. I'm not sure whether they do or not.	22	A. I'm not sure when they started making cones.
23	Q. And do you know when they were in operation and	23	Q. Do you know if they're still in business today?
24	when they were making them?		A. They're not. However, they stopped making cones
25	A. I don't know when they started, but I believe	25	before they stopped selling cones.

27 (Pages 102 to 105)

	106		108
1	Q. Do you know when they stopped selling them?	1	their business?
2	A. No, not exactly. No, I don't. Not exactly.	2	A. You mean legal issues?
3	Q. Okay. So on Bell you don't know when they started	3	Q. Yeah. Or just, you know, it's their product.
4	and you don't know when they stopped?	4	Orton essentially created these things in the United States
5	A. No, I don't have the dates.	5	and then they have Bell Ceramics right there in Ohio also as
6	Q. Do you know where they were located?	6	their competitor. Was there any relationship at all either
7	A. I think they had offices in Florida, but I don't	7	hostile or friendly between those companies?
8	know if that's where they actually made the cones. They als		A. Yeah.
9	had offices in Tennessee and I think West Virginia or Ohio.	9	MS. GOLDEN: I'm going to object. First of all I
10	Over near the river. So it could have been on either side of	10	don't know what this has to do with anything in this case.
11	the river. I'm not sure exactly where. But I'm not sure	11	It's beyond the scope of the depo notice, and it calls for
12	where they made them. Which location. They had I know		speculation. It's vague it's over broad and it lacks
13	they had different locations that and that wasn't the only	13	foundation.
14	thing they did. That wasn't their sole business.	14	MR. HAMES: Q. Go ahead, you can answer that.
15	Q. Okay. And so are they the only company you're	15	MS. GOLDEN: Go ahead.
16	aware of that was in the United States that sold pyrometric	16	THE WITNESS: Yeah. Bell Ceramics had a problem
17	cones at any time other than your company?	17	with Orton.
18	MS. GOLDEN: That made them?	18	MR. HAMES: Q. And why was that, do you know?
19	MR. HAMES: Q. That made them and sold them in the		A. Because we were a not for profit foundation and on
20	United States?	20	the side of every one of their boxes they put, "We are a tax
21	A. They were the only one that I'm aware of that made	21	paying organization." Since we were a not for profit, a
22	them in the United States.	22	501C-3, we were not a tax paying organization.
23	MS. GOLDEN: I okay, I have a an objection.	23	Q. Do you know any people that worked for Bell
24	Because it lacks foundation and assumes facts not in	24	Ceramics?
25	evidence.	25	A. I only know Dick Bell.
		23	·
	107	_	109
1	MR. HAMES: Q. It's kind of a two part question, so	1	Q. He's the owner?
2	let me just back up. All right?	2	A. He was the owner.
3	Other than Bell Ceramics and Orton, are you aware		Q. Is he still alive?
4	of any other companies that actually manufactured pyrometr		A. Oh, no.
5	cones in the United States?	5	Q. Do you know when he passed away?
6	A. No.	6	MS. GOLDEN: Decade?
7	Q. And other than those two companies, Orton and Bell	7	THE WITNESS: Oh. At least ten years ago.
8	Ceramics, are you aware of any other companies that sold	8	MR. HAMES: Q. Okay, how did if you know do
9	pyrometric cones in the United States? At any time?	9	you know how Bell Ceramics packaged their pyrometric cones
10	A. I'm	10	A. I really do not know. I've actually not seen a
11	MS. GOLDEN: Now we're talking worldwide here,	11	package of theirs.
12	okay? That sold to the United States.	12	Q. Have you ever seen an actual Bell Ceramic cone?
13	THE WITNESS: I don't know if they sold to the	13	A. Actually, we might have one on the board at Orton.
14	United States or not.	14	Q. Does it look different than Orton's cones?
15	MR. HAMES: Q. Okay. So your answer is you don't		A. No.
16	know other than those two companies?	16	Q. Are they indistinguishable as far as you know?
17	A. I'm not sure if they did or not.	17	Other than it being like on a board? Are there any marks,
18	Q. Okay. So did Orton did they ever have any	18	writings, logos on them?
19	lawsuits or patent infringement problems or anything like	19	A. Nothing that I recall.
20	that with Bell Ceramics?	20	Q. Okay.
21	A. There is no patent.	21	A. You'd have to go back to Seager, the formulas, and
22	Q. There's no patent on the product?	22	how they work. It's on the Internet. If you want to make
23	A. Um-um.	23	cones be my guest.
24	Q. Were they ever involved in any sort of litigation	24	Q. You can figure it out. Right?
25	or have any sort of problems with Bell Ceramics moving in	on 25	A. Yes.

28 (Pages 106 to 109)

	110		112
1	Q. You know, why don't we just go ahead and mark one	1	A. As far as I know, since the foundation was in
2	of these photos that we have we had a guy that actually	2	place.
3	had a box of cones. He wasn't 100 percent sure when they	3	Q. Okay. And you see the writing on there where it
4	came from what time period.	4	says let's just look at the name where it says Orton
5	And here's a photograph of it.	5	cones.
6	A. Um-hum.	6	A. Orton standard pyrometric cones?
7	MS. GOLDEN: Okay. Now, is this the photograph	7	Q. Yes.
8	that was previously it's been previously marked to Mr.	8	A. Yes.
9	Rosen's depo?	9	Q. Is that on every single box that's been produced by
10	MR. HAMES: Yes. Actually you know what? I'm	10	Orton as far as you know?
11	not 100 percent sure it's the exact same one.	11	A. As far as I know.
12	MS. GOLDEN: Well, how many photographs do you ha	ve 12	Q. Has the writing or the appearance of that ever
13	of this Orton box?	13	changed?
14	MR. HAMES: I think we have two different ones.	14	Let me just ask you about the whole box.
15	MS. GOLDEN: Two photos?	15	A. Okay.
16	MR. HAMES: And that one doesn't have an exhibit	16	Q. So we don't have to pick through it.
17	sticker on it.	17	MS. GOLDEN: Go ahead.
18	MS. GOLDEN: No. That's why I was asking. I just	18	MR. HAMES: Q. For the entire box, has the
19	want to make sure that we have all the photos of this box.	19	appearance of the packaging of the cones ever changed over
20	MR. HAMES: I think that there's two of them.	20	time that you're aware of?
21	There's two kind of different angles on this.	21	A. Not that I'm aware of. Orton is a fairly small
22	Anyway.	22	organization, as you've already determined. And we didn't
23	MS. GOLDEN: Let me see these.	23	use four color ink and cool things like that. It was pretty
24	MR. HAMES: I think that this one is identical.	24	I guess utilitarian.
25	MS. GOLDEN: This is a photocopy.	25	Q. Okay.
	111		113
1	MR. HAMES: Oh, this one's a little bit different.	1	A. The way the boxes were printed.
2	MS. GOLDEN: Yeah, I can tell.	2	Q. This one has an address on it of 1445 Summit
3	MR. HAMES: See, the back's different. The angle	3	Street? Columbus Ohio?
4	is different. Let's just mark the clean one.	4	A. Yes.
5	MS. GOLDEN: Okay, because this one looks like an	, 5	Q. We talked about that address. That's where they
6	original. Is that what you want to mark?	6	were at one point?
7	MR. HAMES: Yeah, I just want to ask him some	7	A. That's correct.
8	questions about it.	8	Q. Okay. So I can't remember what you said about
9	MS. GOLDEN: Okay, all right.	9	that. Let me look at my notes.
10	MR. HAMES: Q. Well, you raise a good point. We	11 10	MS. GOLDEN: He didn't recall when they moved. I
11	mark a copy. I have a color copy.	11	that's what you're trying to find out. You can tell if
12	Take a look at that.	12	you want me to short circuit this.
13	Okay. All I want to do is talk to you a little bit	13	MR. HAMES: Yeah.
14	about what's written on the boxes and stuff.	14	MS. GOLDEN: If you look at the checks, the addres
15	A TT 1	15	on the checks changes in about '79.
	A. Um-hum.	1 1	
16	A. Um-num. Q. So is that the logo, the O with the, looks like	16	MR. HAMES: Okay.
	Q. So is that the logo, the O with the, looks like		MR. HAMES: Okay. MS. GOLDEN: Okay?
16		16	·
16 17	Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the right?	16 17	MS. GOLDEN: Okay? MR. HAMES: Q. So, all right. Based on your
16 17 18	Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the	16 17 18	MS. GOLDEN: Okay?
16 17 18 19	Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the right? A. Like a golf mark?	16 17 18 19	MS. GOLDEN: Okay? MR. HAMES: Q. So, all right. Based on your counsel's representation about that, then we would know that
16 17 18 19 20	 Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the right? A. Like a golf mark? Q. Yeah. A. Yeah, that's it. 	16 17 18 19 20	MS. GOLDEN: Okay? MR. HAMES: Q. So, all right. Based on your counsel's representation about that, then we would know that this box must be older than either 1979 or earlier, is that
16 17 18 19 20 21	Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the right?A. Like a golf mark?Q. Yeah.	16 17 18 19 20 21	MS. GOLDEN: Okay? MR. HAMES: Q. So, all right. Based on your counsel's representation about that, then we would know that this box must be older than either 1979 or earlier, is that right?
16 17 18 19 20 21 22	 Q. So is that the logo, the O with the, looks like almost like a flag pole with a triangle sticking off to the right? A. Like a golf mark? Q. Yeah. A. Yeah, that's it. Q. Like a flag on a putting green or something? 	16 17 18 19 20 21 22	MS. GOLDEN: Okay? MR. HAMES: Q. So, all right. Based on your counsel's representation about that, then we would know that this box must be older than either 1979 or earlier, is that right? A. It would be older than '79 or '80. That was the

29 (Pages 110 to 113)

	114		116	
1	A. The typical way you can run a business is you would	1	Q. Or on the box?	
2	use up your inventory.	2	A. Or on the box. I'm not aware of how to use them,	
3	Q. Do you have any idea how long that took?		3 necessarily.	
4	A. Knowing how we guard our our funds, it wouldn't		4 Q. Okay. Do you know if at any time Orton ever put	
5	take very long, because we wouldn't have a lot of inventory.	5	any warnings on any of their boxes pertaining to any	
6	Q. Okay. How many boxes of Orton cones does Orton	6	potential hazards from tremolite? Or asbestos?	
7	sell like on a daily basis, or an annual basis, if you know?	7	MS. GOLDEN: Okay, I'm going to I'm going to	
8	MS. GOLDEN: You're talking about any type of con-		object, because that lacks foundation and assumes facts not	
9	right?	, o 9	in evidence.	
10	MR. HAMES: Q. Yeah, either the shut off ones or	10	You can answer it, though.	
11	the witness ones.	11	THE WITNESS: Okay. I'm not aware of anyone, no.	
12	MS. GOLDEN: Okay.	12	MR. HAMES: Q. I can't remember if I asked you this	
13	MR. HAMES: Q. The various sizes.	13	question, and it's really important. Do you know if Orton	
14	MS. GOLDEN: You're talking about now.	14	ever tested any of the Vermiculite that they used?	
15	THE WITNESS: What time frame? Today?	15	A. You did ask me.	
16	MR. HAMES: Q. Like right now.	16	Q. I'm sorry. What was your answer?	
17	A. Today?	17	MS. GOLDEN: You can answer again.	
18	Q. Yeah.	18	THE WITNESS: The answer is still the same. No, we	
19	MS. GOLDEN: Boxes. I don't know how many boxe		did not.	
20	are in a batch.	20	MR. HAMES: Q. Okay, but you were supplied some	
21	THE WITNESS: How many boxes we sell in a year?	21	information of other people other companies that had	
22	MS. GOLDEN: That's what his question was.	22	tested Vermiculite that Orton was using? Is that right?	
23	-		A. Yeah. We saw an engineering report from the	
24	THE WITNESS: I can actually probably tell you how many cones we sell in a year easier, because it depends on	24	Atlanta Testing and Engineering Lab on the South African	
25	whether this is a box of 50 or a box of 25. You know.	25	Vermiculite. And then we had an MSDS from both them and W.R.	
	115		117	
1	MR. HAMES: Q. Right.	1	Grace.	
2	A. We talked about supporting being 25.	2	MR. HAMES: Q. Did you ever see any similar	
3	We do about in excess of 12 million cones a year.	3	engineering report from any of W.R. Grace's or the Zonolite	
4	MR. HAMES: Q. Okay. Has that number increased	or 4	Company's Vermiculite?	
5	decreased over time?	5	A. No.	
6	A. Decreased.	6	MS. GOLDEN: They were trying to hide everything,	
7	Q. Just generally.	7	as everybody knows.	
8	A. Decreased.	8	MR. HAMES: Q. Okay. I think I'm almost done, or I	
9	Q. It has? Was there a peak at some point?	9	think I might be done, so why don't I just take a minute	
10	A. Yeah. There was. I can't tell you exactly which	10	you guys, why don't we take a break and I'll look through my	
11	year. It was probably late '80's or excuse me late	11	notes.	
12	'70's, early '80's.	12	MS. GOLDEN: Okay.	
13	Q. Okay. What about just the color of the box? Has	13	THE VIDEOGRAPHER: Going off the record, the time	
14	that changed at all over time that you know of?	14	is 1:18.	
15	A. As far as I know, it has always been a white box	15	(Brief recess taken.)	
16	or an off white. Just primarily, because otherwise the	16	THE VIDEOGRAPHER: Back on the record. The time is	
17	printing doesn't show up on it very well. If you use just a	17	1:24.	
18	cardboard colored box. So since we don't put a label, we	18	MR. HAMES: Q. I just wanted to ask you a little	
19	actually print the box, it's always been either white or off	19	bit about with respect to the cones that they were selling	
20	white, I think.	20	that were packaged in Vermiculite starting in 1963. Was	
21	Q. Do you know if Orton ever if they ever included	21	there any geographic limitation as to where they were sold?	
22	any instructions on how to use the cones on their boxes? Or	22	A. No.	
23	within their boxes? Like if there was a pamphlet or	23	Q. That you know of?	
24	something like that?	24	A. No.	
25	A. I'm not aware of it in the box, no.	25	Q. Okay. And then off the record we talked a little	

30 (Pages 114 to 117)

	118		120
1	bit about how much Vermiculite Orton was using. Is there ar	y 1	Okay, we had two people in this room.
2	way for you to quantify that over the years? Or how many	2	MR. HAMES: Q. How much does a box of Orton cone
3	bags during a week or a month or anything like that?	3	cost, by the way?
4	A. Not unless you could go back and find the the	4	A. Today?
5	cost per bag and then look at the checks, you could figure	5	Q. Yeah.
6	out how many bags each check paid for and the frequency wi	h 6	A. It's about 6 bucks.
7	which the checks were written.	7	Q. Okay.
8	Q. Okay. And you don't know how much that would be?	8	MS. GOLDEN: For 100, or
9	A. No.	9	THE WITNESS: 50.
10	Q. Cost per bag?	10	MS. GOLDEN: I mean for 50?
11	A. No.	11	THE WITNESS: 50, yeah.
12	Q. Okay. Do you have any sort of understanding as to	12	MR. HAMES: Q. Okay.
13	how often Orton ordered Vermiculite over the years?	13	A. Used to be a lot less.
14	A. Yeah. It's very obvious in the checks. That	14	I should quantify that. That's six bucks retail.
15	basically when you receive an order of anything when the	15	Q. Right.
16	material is received the clock starts running on most people	16	A. The distributors get 40 percent off of that.
17	have net 30 days as your payment terms. Orton's always paid	17	Q. Okay. I think that those are all the questions
18	their bills on time, so they would have paid within 30 days	18	that I have.
19	of the receipt of the material. And so they would order,	19	You guys have anything to clarify for the record or
20	obviously, before they ran out. But hopefully in time not to	20	anything like that?
21	have a lot of inventory, because that just ties up money.	21	Okay. I really appreciate you coming all the way
22	And Orton is a is a foundation, and we do not work on a	22	out so that I could take your deposition.
23	revolver like most businesses do where you use a revolver to	23	A. Okay. You're welcome.
24	cover your payments. We work out of a cash box.	24	Q. It's been very helpful.
25	So our cash box isn't that big. So we have to	25	(Whereupon Plaintiff's Exhibit 9 was marked for
	119		121
1	pay for things when we get them, and General when you wo	k 1	identification.)
2	for the Orton Foundation you feel some responsibility to	2	THE VIDEOGRAPHER: This concludes the deposition
3	General Orton and his reputation in the community.	3	Gary Childress. Two original videotapes will be retained at
4	Q. Okay. How much does do you let me ask you	4	Tooker & Antz, 350 Sansome Street, Suite 700, San Francisco,
5	this.	5	California 94104, 415-392-0650. Going off the record, the
6	Are there particular distributors that Orton has	6	time is 1:29.
7	used over the years to sell their their cones?	7	(Whereupon the deposition of Gary Childress was
8	A. Basically we do not have distributors by	8	concluded at 1:29 p.m.)
9	territories. To be a distributor all you have to do is order	9	concluded at 1.25 p.m.)
10	a minimum quantity of cones and you're a distributor.	10	GARY CHILDRESS
11	So some of them I'm sure we've had for years. They	11	GART CHILDRESS
12	come and go. You know, the hobby ceramics business kind of	12	
13	-	13	
14	peaked in the early '80's and started down. It's been on a pretty much a spiral since then.	14	
	So these people come and go. They're mostly, I		
15 16		15 16	
16	guess you would refer to them as mom and pop stores. They're		
17	not big corporations. We're talking about a very niche	17	
18	market. Probably before this all came up you had no idea	18	
19	what a pyrometric cone was.	19	
20	Q. You're right.	20	
21	A. And probably no one else in this room except me	21	
22	did.	22	
23	MS. GOLDEN: I did.	23	
24	THE WITNESS: Before this? Oh, that's right. You	24	
25	used them.	25	

31 (Pages 118 to 121)

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